

Mr. Everett Gibbons, manager,  
Mr. Max Nelson, production,  
Mr. Ben Jenkins, public relations.

Oct. 18, 1931

Dear friends:

In my explorations covering cost of sculptures, I am still corresponding so with another week or 10 days I can present material something like this to be looked upon.

The number of places founding and finishing the type of work seems to be quite limited and the places are specialists, doing only founding, casting in wood, etc., but not all. One concern alone in New York seems capable of founding full figures or in the round. They require a plaster cast of a clay model.

As a present thought their founding prices seem fair & good, once they get a plaster model. For instance the bust of Buck-Ruby-foot can be produced in bronze for \$375; bronze figures like the drummer could be around \$375 for an 18 inch figure; the fish fountain centerpiece, as a bronze statue, 24 inches high, \$775.

The Drum or could be cast 1 1/2 feet high for \$1,300 and 3 feet for \$4,000, the fish fountain center piece five feet high \$1,400 and eight feet \$4,600. Castings up to 10 feet would run up to \$7,500.

This is for maximum quality of casting in bronze only.

I have not yet obtained the cost of enlarging the models, for instance one outside or a fountain inside, but this would probably be close to the casting cost, I don't know yet and hesitate to estimate, and in this instance the artist would have to fly back at the right time to put on the finishing touches for a 10 days. This is customary.

I am beginning to see that a combination of inside and outside work could be produced at no exceptionally large expense, for instance an outdoor figure and smaller indoor figures; or a smaller indoor fountain and figures, nothing outdoors.

This can all be fairly closely estimated in a week or 10 days.

I think it would be helpful to determine the "space available" now, so no time could be lost if some work is undertaken. Completing the sketches will require some time with models etc.

I'm just passing this much information on now, that I have at hand, in case it is needed for thought, now. When I get all my answers back, I'll be able to answer any question concerning cost, or suggestions, and be completely available. Most sincerely  
Cliff Keldner

Cliff Relander

Material best for most works, bronze. Aluminum, hydrostone, venetian stone desirable in some instances, depending upon usage of sculpture.

Bronze.....	\$200
Aluminum.....	\$140

Bronze.....#130  
Aluminum.....#114

Bronze.....	1200
Aluminum.....	150

Bronze.....	#63
Aluminum.....	#53

Bronze.....	575
Aluminum.....	550
Hydrostone.....	150

Bronze.....	275
Aluminum.....	260
Hydrostone.....	55
Patent Stone.....	75



(Figures, such as the Drummer or fisherman would be approximately the same for any figure of this style, in bronze or other materials.

Enlarge Drummer to 5 1/2 feet, cast in plaster and deliver to foundry

Enlarging.....	\$1,200
Casting in bronze.....	\$1,300
Casting in aluminum.....	\$1,200

Base not taken into consideration. One of two kinds, basalt, built up masonry, or sculptured base, cast separately, utilizing atomic and space age symbols, carrying out the idea of the Indian, the last on the river, the old days, giving way to the new age. I have not worked this out yet but it has possibilities. Base would depend upon the size and use of the work. If enlarged, outdoors, perhaps basalt base with rim of broken drums at foot. If indoors, perhaps the Atomic or Space Age idea. If kept 18 inches, perhaps space age idea sculptured as one piece cast, 18 inches plus additional six or eight inches for base.

Drummer, enlarged to 8 feet, probable desirable size for outdoor figure on basalt pedestal, incorporating rock paintings, broken drums

enlarged, cast in plaster and delivered to foundry.....	\$2,000
Bronze cast, 8 feet.....	\$4,800
Aluminum cast, 8 feet.....	\$4,600

Ladder of Life (Fish fountain)  
24 inches high.

Hydrostone.....	\$100
Vatican stone, in color.....	\$125
Bronze.....	\$375
Aluminum.....	\$350

Fish fountain, enlarged to five feet high, cast in plaster and delivered to foundry.....	\$900
Bronze, 5 feet high.....	\$1,400
Aluminum, 5 feet.....	\$1,300

Fish fountain, enlarged to 8 feet, cast in plaster and delivered to foundry.....	\$1,600
Bronze, 8 feet.....	\$4,900
Aluminum, 8 feet.....	\$4,700

Fountain, fish or fisherman, fitted with plumbing at foundry.

This does not include the "bowl" or base, which would be designed according to usage, outdoors or indoors. Fountain base at University of Washington, recently completed, was poured concrete (colored) on job from model and sketches. Details of this could be determined by conferences with my friend at Seattle.

All bronze casting, in round, would have to be done in New York, the Oregon Brass Works founds only from flat, does not even do plaster casting or have a plaster caster. The Roman Bronze Works, New York, does most of the good art casting in this country now, few other places do it.

In the case of the figures in the round it would be necessary to fly to New York, perhaps twice, once with the delivery of the models to repair clay damage done in transit; again when the figures or figure is enlarged, to put on finishing touches before it is cast. Sculptors generally work in that manner now days unless they have large studio, extensive clay and assistants to help build up figures.

No estimate given on fish in the round, the single individuals, various kinds, but it would indicate they could be cast in hydrostone or Vatican stone at somewhere around \$125, and \$275 in bronze, probably a little high.

Same would be true of heads that are preserved and in process of restoration of Medicine Singer, Chief Tommy Thompson, and Jim Jim Charley, the old woman, who has a compressed or "flat" head. In bronze, they would average higher. And the material would depend upon the usage.

For instance I have not determined that hydrostone or Vatican Stone would be durable in fountain use, or for individual fish.

From this estimate list, can be determined, with consultation as desired, a combination according to available space and other possibilities such as a plaque of Chief Moses (with which I am not having much success yet and am still researching for additional photos); matching plaques for Wanapum Dam, using the new Vantage Bridge and Indian Mat lodge village, also power line; an outline plaque of Cleveland Kamiakin, last son of Kamiakin and an Indian baby and girl to contrast with the older people.

Combinations for instance could be figured on large outdoor figure; small indoor fountain and array of 18 inch figures --4--to go with heads in one end of the building display, remembering that the 18 inch bronze full figures cost only \$275 each in bronze; an eight foot Drummer \$6,800 to enlarge and cast in bronze only; a five foot fountain \$2,300 to enlarge and cast in bronze (base extra).

I make that comparison to show what could be done, impressively if I can carry out satisfactory works of art, in contrast to the \$21,000 paid at Grand Coulee for the Roosevelt Memorial alone. A communication from Mr. W.E. Rawlings' office E.H. Neal, acting for him) states:

"The bust of the late President Roosevelt, the pedestal on which the bust stands, the pool in which the pedestal is situated and the memorial plaque cost approximately \$21,000 at 1951 construction prices. (He is available at the Columbia Basin Project, Ephrata and would remember my recent letter of inquiry).

So you can see that by adding freight and allowing for underestimates, although I emphasized to estimate high enough that this would not be the result, and with nominal returns for my work, you are going to get a lot for your money.

By nominal returns I mean to rely upon your judgment and as I have always said would not put that phase of the project on the standard professional fee basis. And it could be worked out on a "consultation" basis, paying as the finished models goes allowing for necessary transportation (my own) so it would all be taken care of.



A postcard of the Roosevelt Memorial at Grand Coulee is appended.

Appended, also, are duplicates of the Oregon Brass Works "duplicates" of estimates. None of the others, although I requested them, submitted them. Type sheet specimens are also enclosed.

It seems there should be a determination whether any of the rock paintings lend themselves to inclusion in any of the proposed works, carrying forward the "monument preservation" idea.

It is not necessary, of course, to make a definite determination now as to specific works, but it would be extremely practical, because of the timing (and of time required for work of this nature) to further present projects to the extent of authorizing something like a consultant "salary," which would permit me to go ahead with the individual works in process, and bring them to a state where they would be ready for enlarging or founding later.

It would seem practical to indicate, without commitment of course on your part, certain works to "concentrate" on and these could be brought along.

Aside from some action of that type now, I would be available to answer any questions now, I believe, about any individual or combination of separate ideas, to your satisfaction.

Sincerely

Click Relander

1212 N. 32nd Ave.