RV

February 14, 1958

BEST COPY AVAILABLE

Mr. O. E. Harvey Cooper Development Corporation 2626 South Peck Road Monrovia, California

Dear Mr. Harvey:

Route

EOL DC WBR RWB GWM I WDD LOV WBH NOG

RLH

MHA

MLM

GG

Return to UCRL 149 Bidg. 50

Signed

Subject: Subcontract 108

Confirming our February 14, 1958 conversation, attached is a copy of our February 14, 1958 letter to the U.S. Army Ordnance District, Pasadena, California, supplementing our February 13 letters to them and you and in addition requesting RTV motors.

It is my understanding that Grünance has released RTV motors, and your people will pick them up on Monday, February 17. In the meantime, consider this authority to proceed with the shipment of six RTV cases to JFL from your current production quantities, at an estimated cost of approximately \$600.00 each. It is understood that you will charge this Subcontract only the direct charges for producing the RTV cases, and that there will be no duplication of cost or fee to the Government.

In that the NOL requirement for LOKI loading and processing tooling is going to run for about a year, I suggest that accountability of this tooling be assigned to the NOL effort rather than to us, as we have a secondary interest in the need for the tooling. Will you please work this out with NOL and Mr. Carpenter of the Ordnance District.

Advise if I can be of further assistance in this matter.

Very truly yours,

C. L. Blue Assistant Business Manager

CLB:d Attached

cc: L. Fitzgerald

W.B. Reynolds

K. Street

O.P. Webb

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Estimate of Other Costs

Nose comes, programmers, fins, igniters, miscellaneous hardware, miscellaneous leuncher work, shipping and boxing (\$5,000), truck (2 trips to Oakland \$700.00), and other manufacturing and engineering work

\$76,500.00

Estimated Deficit

\$25,913.58

Return of 96 LOKI units for credit

\$30,912.00

Estimated Unobligated Funds

\$ 5,000.00

From the above, it appears as though there is only an estimated \$5,000 cushion at this time. Cooper feels that their overhead rate may go down slightly which could give us an additional cushion. Labor costs in the above estimate include presently approved extended workweeks.

The above estimates provide for 30 man months of effort at EPG. Roughly speaking, the cost per man day at EPG is about \$100.00; therefore, Dr. Fleming is faced with the problem of the possibility of an extended test period and plans to schedule Cooper EPG manpower in an effort to keep the total manpower used at EPG within the 30 man months budgeted.

If RTV motors are used, there will be a pinch in time to manufacture them and get propellant loaded through B. F. Goodrich. We will have to obtain approval from the Ordnance District to borrow RTV loading and processing tooling from JPL.

C. L. BLUE

CLB: d

Distribution:

- W. B. Harford
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