



CHEMICAL MANUFACTURERS ASSOCIATION

July 28, 1997

FILE COPY

Kenneth A. Mundt, Ph.D.
President
Applied Epidemiology, Inc.
P.O. Box 2424
Amherst, MA 01004

RE: CMA Agreement No. VCHC-4.0-EPI-UPDATE - Amendment #2

Dear Dr. Mundt:

By this Amendment to the above-referenced Agreement, CMA and the Contractor agree to expand the scope of work on the above agreement as described in the attached letter from Kenneth Mundt to Hasmukh Shah, dated July 3, 1997.

The Amendment authorizes costs for these additional services on a time and material basis, including reasonable and necessary travel expenses, not to exceed \$12,500.00. This Amendment brings the total costs of this agreement to an amount not to exceed \$449,895.00. Payments for services rendered under this Amendment will be made following receipt by CMA of itemized invoices that describe services rendered, charges for such services, travel and other direct expenses.

By this Amendment, CMA replaces Wendy K. Sherman for Hasmukh C. Shah as the Vinyl Chloride Panel Manager. All future correspondence under this Agreement should be directed to Ms. Sherman.

By this Amendment, the above -referenced Agreement is modified to be subject, and to be construed under, the laws of the Common Wealth of Virginia, United States of America. Actions under this Agreement shall be brought in any court of competent jurisdiction in the Commonwealth of Virginia.

If the terms of this Amendment meet your approval, please sign two copies of the Amendment, retain one for your files and return the other to Ms. Sherman.

All other terms of the Agreement VCHC-4.0-EPI-UPDATE remain the same. -



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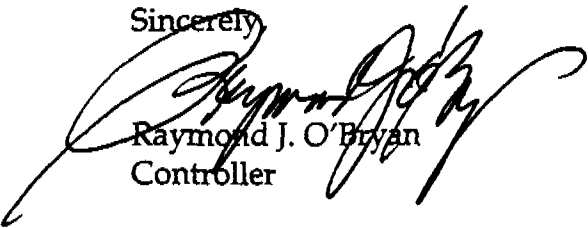
1300 WILSON BLVD., ARLINGTON, VA 22209 • TELEPHONE 703-741-5000 • FAX 703-741-6000



CMA 170978

On all correspondence, invoices and reports, please use the CMA Reference Number VCHC-4.0-EPI-UPDATE.

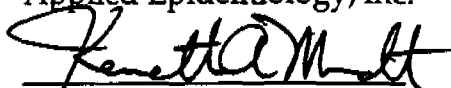
Sincerely


Raymond J. O'Bryan
Controller

Attachment: Letter from Kenneth Mundt to Hasmukh Shah dated July 3, 1997

ACCEPTED FOR:

Applied Epidemiology, Inc.



Named Signed

Kenneth A. Mundt, Ph.D.

Named Typed

President

Title

Sept 3, 1997

Date

**APPLIED
EPIDEMIOLOGY
INC.**



July 3, 1997

Dr. Hasmukh Shah
Manager, Vinyl Chloride Panel
Chemical Manufacturers Association
1300 Wilson Boulevard
Arlington, VA 22209

Dear Dr. Shah:

With this letter I wish to propose that Applied Epidemiology, Inc. serve as consultant to CMA's VCM Panel, to oversee the development and conduct of Dr. Carlo Tamburro's proposed study, "Brain Cancer Occurrence in Vinyl Chloride Exposed Chemical Workers." Specifically, we would provide the following services:

- ◆ Critically review and comment on the study proposal and study protocol;
- ◆ Participate in meetings with Dr. Tamburro's staff and CMA representatives;
- ◆ Participate in telephone and conference calls with the VCM Panel and Dr. Shah and his staff as needed;
- ◆ Compile documentation of the oversight process for CMA's records;
- ◆ Assist Dr. Tamburro's staff with technical support and guidance;
- ◆ To the extent possible (under confidentiality agreements) provide to Dr. Tamburro's staff data from the VCM mortality study;
- ◆ Critically review any progress reports, draft final reports and manuscripts generated by the study;
- ◆ Provide CMA with ideas and opinions on overall study quality and conduct.

For these services, I estimate that total costs for professional and staff fees and expenses will be \$12,500. This estimate includes travel expenses for two trips to Louisville to meet with Dr. Tamburro and his staff.

Please do not hesitate to call if you have any questions or require additional information. Thank you.

Sincerely yours,

Kenneth A. Mundt, Ph.D.