Proposals should also cover delivery of as much hafnium metal as can be produced from the zirconium to be processed. Any production process that meets the specifications for the end products will be considered.

Present plans call for issuance of an invitation for proposals in November 1955, with receipt of proposals by February 1956. The deadline for starting deliveries is expected to be July 1957.

The AEC at present has a contract with the Carborundum Metals Co., Inc., of Akron, N.Y., for delivery of 200,000 pounds of zirconium and 4000 pounds of hafnium per year. The new procurement will be in addition to this amount.

Prospective bidders are advised to familiarize themselves with the current status of zirconium and hafnium technology and the present and future market for the metals. In addition to the metal to be purchased by the AEC, quantities of zirconium and hafnium may be required for privately financed nuclear power projects. The AEC does not intend to provide zirconium or hafnium for such projects.

Preliminary schedules and further information are contained in a *Prospectus for Procurement of Zirconium and Hafnium,* copies of which may be obtained from the Pittsburgh Area Office, U.S. Atomic Energy Commission, Box 1105, Pittsburgh 30, Pa.

■ A 2-million-volt Van de Graaff positive-ion accelerator has been delivered to the Junta de Energia Nuclear of Spain by High Voltage Engineering Corp., Cambridge, Mass. The machine, to be used in a study of light nuclei, is installed at the Centro Nacional de Energia Nuclear de la Moncloa, where a program is under direction of Carlos Sanchez del Rio.

High Voltage is building a similar accelerator, one of 3-million-volts, for the Weizmann Institute of Science in Rehovoth, Israel. The unit, which is to be delivered next year, will be installed in the new nuclear physics department building that is now under construction at the institute.

■ The H. J. Heinz Co. has announced plans for the construction of a new Heinz Research and Quality Control Center. The $3-million structure will be built at the company's Pittsburgh headquarters and will serve as the research and development center for Heinz's domestic and international operations.

The center, which is scheduled for completion by Jan. 1957, will contain a pilot plant, experimental kitchens, research laboratories, quality control laboratories, and the scientific library of the company's research and quality control division. After the completion of the new facility, all laboratory and research activity will be gathered under one roof except for crop research, which will remain at the experimental farms in Ohio.

■ The Bell Aircraft Co., Inc., and the Nuclear Science and Engineering Corp., have announced that they have entered into an agreement through which Nuclear Science and Engineering will render nuclear assistance and advice to Bell. The purpose of this relationship will be to evaluate the applicability of nuclear techniques to Bell's present programs as well as the potential application of Bell's existing technical manpower and facility capabilities in the atomic energy field.

Miscellaneous

■ The proceedings of the International Conference on the Peaceful Uses of Atomic Energy, held in Geneva in August 1955, will be published by the United Nations in 16 volumes of approximately 500 pages each. The volumes will constitute a complete, unabridged record of the conference, and will include all papers that were submitted, whether they were presented orally or not, together with a record of the discussions concerning each paper.

This record will be published in several languages; the English edition will be available in the beginning of 1956, the others at a later date still to be determined. Any of the individual scientific papers, in mimeographed form, may be purchased from the United Nations Bookshop at 25 cents each.

The following are the tentative titles for the proceedings, in chronological order by volume: The World's Requirements for Energy; The Role of Nuclear Power; Physics, Research Reactors; Power Reactors; Cross Sections Important to Reactor Design; Physics of Reactor Design; Geology of Uranium and Thorium; Nuclear Chemistry and the Effects of Irradiation; Production Technology of the Materials Used for Nuclear Energy; Reactor Technology and Chemical Processing; Radioactive Isotopes and Nuclear Radiations in Medicine; Biological Effects of Radiation; Radioactive Isotopes and Ionizing Radiations in Agriculture, Physiology, and Biochemistry; Legal, Administrative, Health and Safety Aspects of Large Scale Use of Nuclear Energy; General Aspects of the Use of Radioactive Isotopes, Dosimetry; Applications of Radioactive Isotopes and Fission Products in Research and Industry; and Record of the Conference.

A special prepublication price of $110 (£39, F. 450 Swiss) for the full series has been established. This will be protected for all advance orders received up to 31 Dec. 1955. Orders for the full series, or for individual volumes (final prices to be announced) may be placed with the United Nations sales agents or the United Nations Headquarters Bookshop, United Nations, N.Y.

■ *Results of 1954 Fungicide Tests,* a bound compilation of a series of articles that appeared in *Agricultural Chemicals,* April through June, may be purchased for $1 from Dr. D. A. Roberts, College of Agriculture, Cornell University, Ithaca, N.Y. The publication of these results is under the sponsorship of the American Phytopathological Society. This year Roberts is in charge of the project, which is a continuation of the publication of results formerly provided through a supplement of the *Plant Disease Reporter* of the Plant Disease Epidemics and Identification Section, U.S. Department of Agriculture.

■ Because of infestation by the European chafer, on 1 Sept. parts of Connecticut, New York, and West Virginia were placed under Federal quarantine restrictions by the U.S. Department of Agriculture. Woody and herbaceous plants of all kinds, parts of these plants, all types of soil, and other articles or materials likely to harbor this serious agricultural pest now require certification based on treatment, inspection, or nonexposure to infestation. The European chafer was first recognized in this country in New York in 1940; it was found in Connecticut in 1951, and in West Virginia in 1954. In the white grub stage, it is known to feed extensively on fine roots and root hairs of small grains, grasses, and clover and other legumes, seriously damaging pastures, lawns, and golf courses. Turf injury by the insect closely resembles that of such pests as the Japanese beetle, the rose chafer, and various species of white grubs. The adults, light tan beetles about ½-inch long, emerge in swarms at dusk in midsummer.

■ Hugo Freund has published in Germany an 8-volume *Handbook of Microscopy in Technology.* This series may be obtained from E. Leitz, Inc., New York, at $30 to $40 a volume.

■ Laboratories of the Department of Defense in New England have announced the availability of career opportunities for physical science and biological science administrators. The openings carry Civil Service ratings that range from GS-13 to GS-16; salary range is from $8360 to $12,000 per year. For information write to the Director, First U.S. Civil Service Region, Post Office and Courthouse Building, Boston 9, Mass.