

# News Briefs

FCC EXAMINER J. A. KYLE has issued an order granting the request of the railroads, AT&T and other parties to the recent interconnection hearings, for an extension of the time for filing proposed findings and conclusions. The new date for filings is October 24, extended from the previous date of September 8.

RICHMOND, FREDERICKSBURG & POTOMAC. Has ordered a route control machine from Trans-control Corp., for controlling several interlockings at entrances and exits, both north and south of Potomac Yard. The machine will be the line-of-light type and will eventually control 60 switches and 50 signals.

MILWAUKEE ROAD. Has ordered signal equipment from Union Switch & Signal—Division of WAB Co. for a direct wire remote controlled interlocking at Rondout, Ill.

NEW YORK CENTRAL has received ICC approval for the installation of traffic control on one main track in lieu of a manual block system on two main tracks between Thompson and Geneva, N. Y., 10 miles.

NORFOLK & WESTERN has received ICC approval for the installation of traffic control on single main track in lieu of automatic block signaling on this track between Abilene and Pamplin, Va., 16 miles.

DENVER & RIO GRANDE WESTERN has received relief from ICC RS&I Section 136.602 to the extent that it is permitted to use dragging equipment detectors and their associated indicators without being arranged to operate in conjunction with the automatic block signal system at 20 locations.

SOUTHERN has received relief from the ICC RS&I Section 136.602 in that it is permitted to install dragging equipment detectors without being interconnected with the automatic block signal system at 69 locations. The railroad plans to install these dragging equipment detectors at hotbox detector locations. In the event something is dragging on a particular car, information will be indi-

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**NUMBER 45** - For telephone or telegraph long-line construction. Double petticoat with square groove for firm wire support.

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## Easily and Economically Installed

Hemingray Glass Insulators stand up under severe conditions, do not deteriorate, provide the service you need to assure continuous operation of communication lines. The dependability of Hemingray Insulators as proved by their years of sturdy performance is one of the reasons behind their world-wide acceptance.

Hemingray has pioneered many insulator developments to keep pace with requirements, improve communication systems, assure you a dependable source of supply.

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Hemingray Glass Insulators are a product of Kimble Glass Company, subsidiary of Owens-Illinois, Toledo 1, Ohio.

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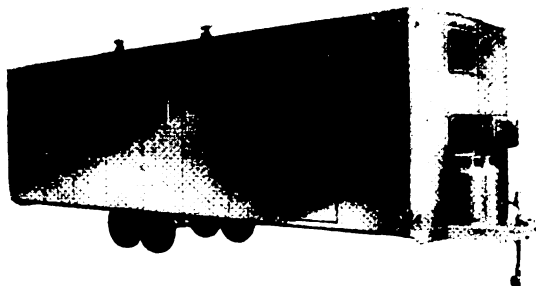
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Campcars trim costly workcrew travel time to money-saving minimum. Crews of 2 to 50 men can be efficiently and comfortably housed right on the job! No high hotel costs. No on-track housing problems. Wide floor plan selection. Built to the hilt to withstand rugged on- or-off highway travel. Leading railroads have found Campcars can pay for themselves in approximately one year. Want fact, figures, pictures? Write International Car Division, 2485 Walden Avenue, Buffalo 25, N. Y.

MORRISON-INTERNATIONAL

# Campcars

A SUBSIDIARY OF RYDER SYSTEM, INC.



## NEWS BRIEFS

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cated at the recorder center (when hotbox detector indications are received) as to which car is involved. The train crew will then be contacted by radio in the same manner as is the case when abnormal journal conditions are detected. The relief granted by the Commission requires that the railroad install and maintain such a system of transmitting indications to a recorder center and of advising the train crew of such indications.

**ILLINOIS CENTRAL.** Has ordered CTC equipment from Union Switch & Signal—Division of WAI Co. for installation on 130 miles of track between Fulton, Ky., north to Foster, Ill. Control will be from a 9-ft TCC at Carbondale, Ill.

**SANTA FE.** Has ordered CTC equipment from Union Switch & Signal—Division of WAB Co. to be installed on 88.4 miles of track between Lubbock Jct., Tex., and Texico N. M., with control from Slaton, Tex.

**CHICAGO & EASTERN ILLINOIS** has received ICC approval for the installation of CTC on one main track between Danville and Woodland Jct., Ill., 41 miles. The CTC is in lieu of automatic block signaling on two main tracks. Portions of the second main track are to be removed; the remainder will be left in place as sidings.

### Trade Publications

**CABLE SPLICING.** Booklet 1134 contains step-by-step information on the splicing and terminating of both shielded and unshielded cables. Also included are tape selector and quantity estimating charts, product information and a purchase planning aid sheet. **The Okonite Company, Public Relations and Advertising Department (RSC), Passaic, N.J.**

**TV CAMERA,** type TE-9-A. Bulletin ECL 85 explains the low installation, operating and maintenance costs of this self-contained, single-unit Vidicon camera. Electrical, mechanical and environmental specifications are listed for the 9-lb camera. **General Electric Communication Products Department (RSC), P.O. Box 4197, Lynchburg, Va.**

**TOWERS AND BUILDINGS.** A catalog of microwave towers, reflectors, buildings and similar items for

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RAILWAY SIGNALING and COMMUNICATIONS

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mobile radio presents photographs, drawings and complete descriptions. **Tower Construction Co., Dept. RSC, 2700 Hawkeye Drive, Sioux City, Iowa.**

**ELECTRONICS CATALOG.** The 1961 electronics parts and equipment catalog has 576 pages and lists over 48,000 items. Included are closed-circuit TV systems, test equipment, meters, receiving tubes, etc. **Allied Radio Corp., Dept. RSC, 100 N. Western Ave., Chicago 80, Ill.**

**ZENER DIODES.** A 100-page handbook presents an introduction to semi-conductor theory and design, and operating characteristics of the Zener diode. Price \$2. **International Rectifier Corp., Dept. RSC, El Segundo, Calif.**

**MAGNETIC AMPLIFIERS.** A 112-page book, No. 261, on this growing field. A fundamental knowledge of electricity is presumed. The text covers saturable core reactors, magnetic amplifiers, amplifier gain, feedback, uses and construction, maintenance, troubleshooting and applications. **John F. Rider Publisher, Inc.,**

**Dept. RSC, 116 West 14th St., New York 11, N. Y.**

**CIRCUIT CONTROLLERS.** GRS switch circuit controllers models 7J and 7K are described in bulletin 191. The 12-page booklet describes features, installation, maintenance, fittings and accessories, and typical circuits. **General Railway Signal Co., Dept. RSC, Rochester 2, N. Y.**

### Supply Trade News

**HOLAN CORP.** Daryl E. Gaiennie appointed assistant sales manager. Arthur C. Frank appointed district manager for eastern Ohio, western New York and part of Pennsylvania.

**CORNING GLASS WORKS.** Construction of a pilot plant will be the first of several new buildings to be erected in a 400-acre research and engineering center, 3 miles west of the company headquarters at Corning, N. Y.

**LYNCH COMMUNICATION SYSTEMS, INC.,** Opened new district offices at Cincinnati and Kansas City. **Gordon Hayes, Jr., and Douglas Carnes,** sales engineers previously assigned to the Chicago district office, will be in charge of the respective of-

ices. **Alan J. Brown,** previously with Automatic Electric Sales Corp., has joined Lynch as a sales engineer at Chicago.

**PHILCO CORP.** William J. Schenberger has been appointed Northeast regional manager for Philco's Government and Industrial Group, with headquarters at Wellesley, Mass.

**FANSTEEL METALLURGICAL CORP.** Even T. Collinsworth, Jr. has been elected executive vice-president of the parent company and its subsidiaries. He was previously president of Carlon Products Co.

**ELECTRIC STORAGE BATTERY CO.** has purchased the nickel-iron alkaline battery business of Thomas A. Edison Industries. Now known as the Nickel Alkaline Battery Division, the former Edison storage battery unit continues to be headed by **Robert A. Weeks, Jr.,** division manager, and by **James A. Mustard, Jr.,** general sales manager.

**Robert L. Clark,** railway sales engineer in the Chicago district for Exide Industrial Division, has been transferred to the division's headquarters at Philadelphia and named railway market manager. He has succeeded **Lowell K. Lembke,** recently transferred to St. Louis as manager of Exide's south-central region. **Guy R. Porter, Jr.,** has been named Atlantic regional manager and **George P. Millington, Jr.,** as central zone manager.

**NEW**  
**TRANSISTORIZED**  
**PRINTER RELAY**  
Type 237  
Model 1

- replaces electro-mechanical signal relays
- eliminates associated local DC power supplies
- eliminates electro-mechanical maintenance problems
- isolates the reactance of printer selector magnet
- presents resistive termination to the signal loop

**N**  
Pace-Setters in Quality Communication Equipment  
**NORTHERN RADIO COMPANY, inc.**  
147 WEST 22nd ST., NEW YORK 11, NEW YORK  
In Canada: Northern Radio Mfg. Co., Ltd., 1950 Bank St., Billings Bridge, Ottawa, Ontario.



A. M. Wiggins



Robb W. James

**UNION SWITCH & SIGNAL-** Division of Westinghouse Air Brake Co. **A. M. Wiggins,** vice-president and general manager, retired September 1. **Robb W. James** was appointed general manager of US&S, effective August 1. Mr. Wiggins has been associated with WAB Co. since 1933, when he joined the legal department. He served in various capacities and was a vice-president since 1949.

Mr. James was formerly executive vice-president of National Pneumatic Co. and Holtzer-Cabot Electric Motor and Telephone Divisions in Boston, Mass. During World War II he served

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in the U.S. Army Ordnance Department. Prior to that he was associated with Aluminum Co. of America. He was born in Cleveland, Ohio, and holds B.S. and Masters degrees in metallurgy from Case Institute of Technology.

**NORTHERN RADIO COMPANY.** Appointed **J. Philip Van Enst**, Rural Route 1, Mattoon, Ill. a sales representative for its communications products.

**THOMAS A. EDISON INDUSTRIES** of McGraw-Edison Co. **M. I. Rayner**, general sales manager of the Primary Battery Division, has been appointed assistant division manager, at Bloomfield, N.J. Mr. Rayner was born in Greenport, N.Y., February 6, 1911. He received an E.E. degree from Rensselaer Polytechnic Institute in 1933. He joined the Storage Battery Division of the Edison Co. in 1937 and the following year became affiliated with the Primary Battery Division in Bloomfield, as service engineer. Following four years of service with the Signal Corps of the U.S. Army during World War II, he rejoined the Primary Battery Division and was advanced to application engineer in 1948. Mr. Rayner was appointed district manager at Chicago in 1955. In 1958 he returned to the home office in Bloomfield as general sales manager of the Division, the position he held at the time of his recent appointment.

**Raymond L. Thomas**, service engineer, Primary Battery Division, at Richmond, Va., has been promoted to field engineer, with the same headquarters. Prior to joining the Division in 1957, Mr. Thomas was a signalman on the Southern.



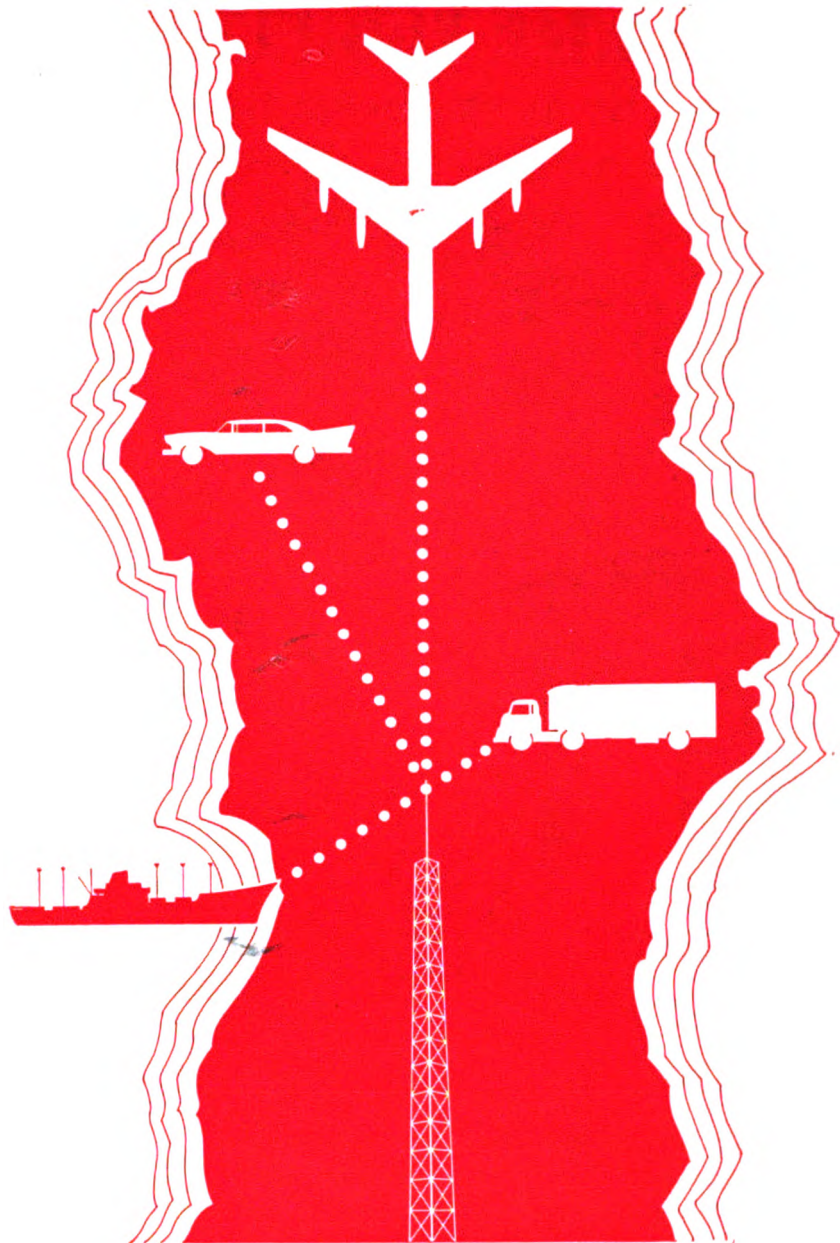
M. I. Rayner



John W. Almcrants

**MOTOROLA COMMUNICATIONS & ELECTRONICS, INC.** Five appointments have been made in the railroad sales department: **John W. Almcrants**, national railroad sales manager; **Arnet A. Curry**, systems engineer; and **Frederic J. Corporon**,

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## SUREST DISTANCE BETWEEN ANY 2 POINTS RCA "PREMIUM" TUBES

Protect your essential radio communications with the tested reliability of RCA "Premium" Tubes. Designed to give you the utmost in dependable service, these premium-quality tubes can pay for themselves many times in added hours of uninterrupted communications...and they're available locally through your RCA Industrial Tube Distributor.

RCA "Premium" Tubes are subjected to a continuous and exhaustive testing program, and rigorous quality control in the selection of materials and parts is maintained. The net result to you is a line of quality tubes of exceptional performance and reliability.

Your RCA Industrial Tube Distributor is headquarters for a complete line of RCA "Premium" Tubes as well as all other RCA tubes for fixed and mobile communications equipment. Get the full "Premium" Tube story from him today—and call him for all your replacement tube needs. He'll give you fast, complete service.



# RADIO CORPORATION OF AMERICA

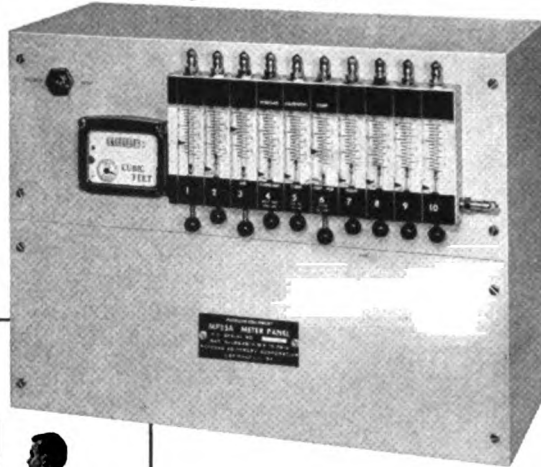
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Harrison, N. J.

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—to minimize service outage—lengthen cable life

Metering Panel of the PUREGAS Continuous Feed Pressure System. From a convenient central location it monitors, measures and distributes the flow of dry air to the cables.



Air Dryer of the PUREGAS system. It compresses and pumps air to a tank for storage cooling, preparatory to dehumidification and delivery to cables. Air Dryers and Metering Panels are products of Puregas Equipment Corporation.



GENERAL MACHINE PRODUCTS accessories. Pressure Testing Contactors monitor pressure and detect leaks. Pressure Testing Gauges measure pressure precisely. Pressure Guns make pressure plugs. These and associated tools are made by General Machine Products Co.

Pressurize your communication cables with dry air supplied through PUREGAS equipment. It is a practical, well proved way to minimize cable failure, trim upkeep costs and lengthen cable life. PUREGAS equipment feeds a continuous supply of dry air to cables to keep moisture from reaching conductors, whether cables are old or new.

Use GENERAL MACHINE PRODUCTS accessories to quickly pinpoint location of sheath breaks or cracks so that repairs can be made *before* service failure.

All equipment is distributed nationally by Graybar. For descriptive folders phone your nearby Graybar Representative, or write directly to Graybar.



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OFFICES AND WAREHOUSES IN OVER 130 PRINCIPAL CITIES

## NEWS BRIEFS

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John T. Parker and Glenn L. Hayes radio communications representative

Mr. Almcractions joined Motorola 1 years ago and has been with the railroad sales department since 1952. He is a graduate of Purdue University with an electrical engineering degree. Mr. Curry has been with Motorola since 1950, having previously been chief design engineer for Farnsworth Television & Radio Corp. He is also a graduate of Purdue University with an electrical engineering degree. Prior to joining Motorola, Mr. Corporon was superintendent maintenance of way



Arnet A. Curry



Frederic J. Corporon



Glenn L. Hayes



John T. Parker

of the Chicago, South Shore & South Bend. His territory is the Midwest with headquarters in Chicago. Mr. Parker, former communications and signal engineer for the Alton & Southern, is responsible for sales in the Southwestern area, with office in St. Louis. He was graduated from Washington University of St. Louis with an electrical engineering degree. Mr. Hayes was for six years with the communications department of the Nickel Plate and most recently served as a railroad sales engineer for the Bendis Corp. His headquarters are in Baltimore and he will cover the Southeastern area.

Robert H. Davis, manager of microwave systems engineering has been named chief engineer of the microwave department.

NATIONAL CARBON CO. Edward T. Anderson, technical service manager for railroad products at New

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York, has been appointed manager of original equipment manufacturer diesel brush sales, with headquarters at Chicago. He has been succeeded by **J. E. LeMay**. **John Gibb** has been named mideastern division manager of brush and railroad products at Pittsburgh, succeeding Mr. LeMay.

**CONTINENTAL-DIAMOND FIBRE CORP.** **Ralph Little, Jr.**, has been assigned as senior salesman for Southern California.

**OSMOSE WOOD PRESERVING CO. OF AMERICA.** Has announced the creation of a Railroad Division, with **John W. Storer** as manager. Headquarters are at Madison, Wis. Mr. Storer, who has been with Osmose for 10 years, is a graduate of Penn State School of Forestry, with a BS degree in forestry. At the time of his recent appointment he was chief of Osmose operations in the Midwest.



John W. Storer



Grant G. Orman

**STROMBERG-CARLSON**, Division of General Dynamics Corp. **Grant G. Orman** has been appointed manager of industrial sales, Telecommunication Division. He succeeded **Edgar R. Sears, Sr.**, recently named manager of the San Francisco branch. Mr. Orman is a native of Liverpool, N.Y., and holds a B.S. degree in electrical engineering from Syracuse University. He has been with Stromberg-Carlson since 1942, starting in the engineering department. In 1954 he transferred to industrial sales and was appointed senior sales engineer in 1957.

### Railroad Personnel

**CANADIAN NATIONAL.** **J. D. Chase** appointed assistant superintendent, inside plant, communications department at Battle Creek, Mich. **G. M. Edgar** appointed superintendent CNT for British Columbia at Vancouver. **A. J. Kuhr** named operations superintendent, eastern region, CNT at Toronto. **H. Life** appointed superintendent CNT at Moncton.



Leslie G. Clem, Jr.



Harold R. Duckworth



John M. Mayer



Charles J. Nelson

**MISSOURI PACIFIC.** As reported in the September issue of *Railway Signaling and Communications*, **Leslie G. Clem, Jr.**, has been named telephone-telegraph engineer, **Harold R. Duckworth** communications engineer, and **John M. Mayer** electronics engineer. **W. Chunn**, assistant superintendent communications retired September 1 and **Sam W. Clark** has been promoted to communications engineer.

Mr. Clem was born in 1922 at Yellville, Ark. He started working for the MP in 1943 as a telegraph operator. Five years later he was promoted to wire chief in the relay department at Little Rock, later in the same year being advanced to train dispatcher there. In 1951 he was promoted to telegraph engineer at St. Louis, and on August 1 of this year to telephone-

telegraph engineer there.

Mr. Duckworth was born at Poplar Bluff, Mo., in 1921. He started with the MP as a telephone-radio maintainer at Osawatomie, Kan., early in 1951. Later in the same year he was named assistant electronics engineer at Kansas City. In 1955 he was transferred to St. Louis as electronics engineer, the position he held at the time of his recent appointment.

Mr. Mayer was born in St. Louis in 1915. He was a radio maintainer for the St. Louis police department before going with the MP in 1951 as a telephone-radio maintainer at St. Louis. He held this position continuously until his recent promotion to electronics engineer.

Mr. Clark was born in Clay, Ky., in 1929. Beginning his rail career as a telegrapher and station agent with the Baltimore & Ohio in 1946, he subsequently spent two years in military service before going to the MP as a telegrapher in the communications department in St. Louis in 1949. He advanced to communications engineer from that position.

**ROCK ISLAND.** **Charles J. Nelson**, assistant superintendent communications, engineering, is appointed superintendent of communications and signals succeeding **Charles O. Ellis**, retired. Biographical sketch and photograph of Mr. Ellis appeared in September issue, *RS&C*, page 53.

Mr. Nelson was born Jan. 6, 1921, attended high school in LaGrange, Ill., and was graduated from Illinois Institute of Technology. He spent three years in the Army Signal Corps, attaining the rank of first lieutenant. He joined the Rock Island in 1952 as radio communications engineer, after having been communications equipment supervisor on the Illinois Central. He was appointed assistant superintendent communications engineering on June 1, 1954.

### Obituary

**S. M. HARRISON**, vice-president, Rail Joint Reforming Co., and district sales manager, Rail Joint Co., Divisions of Poor & Co., located in Birmingham, Ala., died July 29.

### TORONTO TRANSIT COMMISSION TENDERS FOR SIGNAL CONTRACT SGI BLOOR- DANFORTH-UNIVERSITY SUBWAY

Scaled tenders endorsed "Signal Contract SGI Bloor-Danforth-University Subway" and addressed to the Toronto Transit Commission, General Secretary's Office, will be received by the Commission at its office, 1900 Yonge Street, Toronto 7, Ontario, Canada, until four (4) p.m. Eastern Daylight Saving Time (three (3) p.m. Eastern Standard Time) on Monday, October 17th, 1960.

The work for which tenders are invited consists of providing and installing block signal and interlocking equipment for approximately 12,000 feet of subway as specified in the contract documents and shown on the contract plans.

All tenders must be on the Commission's form of tender and must be accompanied by cash or a certified cheque in the amount noted in the Tender and Contract Requirements.

The successful tenderer will be required to furnish, execute and deliver to the Commission a performance bond satisfactory to the Commission in the amount and within the time set out in the contract documents.

The contract documents, including plans and specifications, will be available at the Commission's Subway Construction Branch, 1138 Bathurst Street, Toronto, on and after Tuesday, August 2nd, 1960. Copies of the contract documents may be obtained by depositing one hundred dollars (\$100.00) with the Commission for each set of documents. The amount of the deposit will be refunded on the return of the plans and specifications in good condition within thirty (30) calendar days after the opening of the tenders.

The Commission reserves the right to reject any or all tenders.

No tender may be withdrawn after the scheduled closing time for receipt of tenders for forty-five (45) calendar days.

H. E. PETTEIT  
General Secretary