

SOUTHERN CALIFORNIA RAPID TRANSIT DISTRICT

Minutes of Regular Meeting of  
the Board of Directors of the District

May 12, 1970

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Upon notice duly given, the Directors of the Southern California Rapid Transit District met at a regular meeting in the District Board Room, 1060 South Broadway, Los Angeles, California, at 10:00 a.m. on May 12, 1970, at which time President Herbert H. Krauch called the meeting to order.

Directors Kermit M. Bill, Charles E. Compton, Leonard S. Gleckman, Herbert H. Krauch, Michael E. Macke, Don C. McMillan, Thomas G. Neusom and Douglas A. Newcomb were present. Directors A. J. Eyraud, Jr., David K. Hayward and Norman Topping were absent.

Also present were General Manager Pro Tempore George F. Goehler; General Counsel Milton McKay; Assistant General Manager for Rapid Transit Development Jack R. Gilstrap; Assistant General Manager for Engineering Richard Gallagher; Controller-Auditor-Treasurer H. L. Black; Secretary Virginia L. Rees; and the public

Approval of Minutes

The Minutes of the Regular Meeting held April 28, 1970 were approved.

Certificate of Merit

Director Neusom presented the District's Certificate of Merit to Francis F. Meaney, Operator-of-the-Month for April, 1970 in recognition of the outstanding courtesy displayed by Mr. Meaney toward his passengers and the public.

Temporary Route Diversions

After discussion, on motion duly made, seconded and unanimously carried, the following resolution was adopted:

RESOLUTION NO. R-70-106

RESOLVED, that the temporary route diversions caused by construction work affecting Lines 6, 33, 43, 63-M, 83, 91-S, 92 and 108, as described in report dated April 27, 1970 filed with the Secretary, be and the same are hereby ratified and approved.

Changes of Bus Stop Zones

After discussion, on motion duly made, seconded and unanimously carried, the following resolution was adopted:

RESOLUTION NO. R-70-107

RESOLVED, that the report dated May 4, 1970 relating to bus stop changes, filed with the Secretary, be and the same is hereby ratified and approved.

Report of Purchasing Agent - Statement of Purchases Over \$99.99, Except Routine Purchased Material or Supplies for Stock and for Ordinary Repairs

Pursuant to Section 8.2 of the Rules and Regulations, the Purchasing Agent's Statement of Purchases over \$99.99, Except Routine Purchased Material or Supplies for Stock and for Ordinary Repairs, Submitted May 5, 1970, was presented to the meeting and was ordered "Received and Filed." A copy of the Report is filed with the Secretary.

Los Angeles, City of - Department of Traffic - Right of Entry to Construct, Maintain & Operate a Traffic Signal on Portion of District's Pico & Rimpau Off-Street Terminal

After discussion, on motion of Director Compton, Chairman of the Surface Operations Committee, seconded and unanimously carried, the following resolution was adopted:

RESOLUTION NO. R-70-108

WHEREAS, the Surface Operations Committee on May 11, 1970 considered and concurred in report dated May 7, 1970 of George F. Goehler, General Manager Pro Tempore, recommending the granting to the City of Los Angeles of a Right of Entry to construct, maintain and operate a pedestrian traffic signal on the District's property at the Pico & Rimpau Off-Street Terminal;

NOW, THEREFORE, BE IT RESOLVED, that the General Manager Pro Tempore be and he hereby is authorized to execute on behalf of the Southern California Rapid Transit District granting to the City of Los Angeles, Traffic Department, a Right of Entry to enter upon the private property of the District for the purpose of installing and maintaining traffic control devices on the following described area:

On the south side of Pico Boulevard and Rimpau Boulevard, an area measuring 5 feet north-south dimension and 15 feet east-west dimension, immediately inside the south

property line, as shown on City of Los Angeles Department of Traffic Drawing No. D.M. 4677 and D.M. 4689 dated March 19, 1970, a copy of which is filed with the Secretary;

form of Right of Entry permit subject to approval of the General Counsel.

American Transit Association - Approval of Payment of Dues  
Adjustment for Period of May 1, 1970 to October 31, 1970

Director Gleckman, Chairman of the Finance & Governmental Affairs Committee, reported that the Committee this morning considered and concurred in report dated May 7, 1970 of George F. Goehler, General Manager Pro Tempore, recommending approval of the payment to the American Transit Association of dues adjustment in the amount of \$350.00 for the period of May 1, 1970 to October 31, 1970 based on new dues schedule for Transit System Members adopted by the Association's Board of Directors on February 19, 1970, effective as of May 1, 1970.

After discussion, on motion of Director Gleckman, seconded and unanimously carried, the following resolution was adopted:

RESOLUTION NO. R-70-109

RESOLVED, that the Treasurer and/or Assistant Treasurer be and he hereby is authorized to pay to the American Transit Association the sum of \$350.00 as adjustment in membership dues for the period of May 1, 1970 to October 31, 1970, based on new dues schedule for Transit System Members adopted by the Association's Board of Directors on February 19, 1970, effective as of May 1, 1970

Award of Contracts - District's Petroleum Products Requirements - Rejection of Bids on Premium Gasoline

After discussion, on motion of Director Compton, Chairman

of the Surface Operations Committee, which was seconded, the following resolution was voted upon:

RESOLUTION NO. R-70-110

WHEREAS, by Resolution No. R-70-68 adopted April 7, 1970, the Purchasing Agent was authorized to call for bids on the District's petroleum products requirements for a one-year period commencing June 1, 1970 in accordance with the bid requirements and specifications therefor attached to Requisition No. 3700-458 and in accordance with the Rules and Regulations; and

WHEREAS, on April 9, 1970 the Purchasing Agent issued invitations to bid (Bid No. 5-7004) on the petroleum products listed in said bid requirements and specifications to fourteen (14) suppliers, a copy of which bid requirements and specifications is attached to these Minutes as Exhibit 1; and

WHEREAS, on May 4, 1970 bids were received from six (6) suppliers; i.e., Atlantic Richfield Company, Calsol, Inc., Phillips Petroleum Company, Shell Oil Company, Standard Oil Company of California and Texaco, Inc.; and

WHEREAS, a copy of report dated May 8, 1970, together with the attachments referred to therein, addressed to the Surface Operations Committee by George F. Goehler, General Manager Pro Tempore, recommending the award of certain petroleum products contracts, is attached to these Minutes as Exhibit 2; and

WHEREAS, the Surface Operations Committee on May 11, 1970 considered the said report dated May 8, 1970 of the General Manager Pro Tempore recommending that:

- a. contracts be awarded to Standard Oil Company of California, Shell Oil Company and Texaco, Inc. as the lowest responsible bidders in the petroleum products categories listed in the Purchasing Agent's memorandum dated May 8, 1970, which is a part of Exhibit 2 attached to these Minutes, and
- b. since all bidders took exceptions to the premium gasoline specifications, said bids

be rejected and the Purchasing Agent be authorized to call for new bids for the furnishing of premium gasoline, with minor change in the specifications, as described in said Exhibit 2;

form of contracts subject to approval of the General Counsel; and

WHEREAS, the Surface Operations Committee concurred in the recommendations of the General Manager Pro Tempore as set forth in said report dated May 8, 1970;

NOW, THEREFORE, BE IT RESOLVED, that the reports and findings presented to this meeting, as set forth in Exhibit 2 attached to these Minutes, be and the same are hereby adopted;

RESOLVED FURTHER, that the following bids, subject to the terms thereof, in the following estimated amounts be and they hereby are accepted:

Standard Oil Company of California

A total price, excluding all applicable taxes, of \$1,576,548.80:

Diesel Fuel No. 1	\$1,570,355.00
#350 Thinner - 55 Gal. Bbl.	4,603.50
#350 Thinner - Bulk	1,590.30
	<u>1,576,548.80</u>

Shell Oil Company

A total price, excluding all applicable taxes, of \$42,648.10:

Crankcase Oil ) - Bulk	22,378.00
Mil-L-2104A ) - Bbl.	716.10
Crankcase Oil )	
Mil-L-2104B ) - Bulk	15,030.00
Multi-Service Chassis & ) - 440# Bbl.	2,047.50
Wheel Bearing Grease ) - 120# Bbl.	2,476.50
	<u>\$42,648.10</u>

Texaco, Inc.

A total price, excluding all applicable taxes,  
of \$2,592.70:

Air Cleaner Oil - 55 Gal. Bbl.	2,284.70
Soluble Oil - 55 Gal. Bbl.	308.00
	<u>\$2,592.70</u>

RESOLVED FURTHER, that the General Manager be and he hereby is authorized to execute on behalf of the District contracts between the Southern California Rapid Transit District and Standard Oil Company of California, Shell Oil Company and Texaco, Inc. covering a one-year period commencing June 1, 1970 for those petroleum products as described above; form of contracts subject to approval of the General Counsel;

RESOLVED FURTHER, that the Purchasing Agent be and he hereby is authorized to reject all bids received on the premium gasoline since all bidders took exceptions to the specifications therefor, and to call for new bids for the furnishing of the premium gasoline, with a minor change in the specifications as described in said Exhibit 2.

Directors Bill, Compton, Gleckman, Krauch, McMillan, Neusom and Newcomb voted "Aye" on the motion. The motion carried.

Director Macke abstained from voting on the motion since he felt that he had not been sufficiently informed on the matter.

Approval of Change in Structure of Executive Committee

President Krauch, Chairman of the Executive Committee, reported that the Committee met this morning to consider changing the structure of the Committee from that adopted on May 6, 1969 so that it would be composed of the President, Vice-President, and the Chairmen of the Advance Planning & Engineering, the Finance & Governmental Affairs and the Personnel & Administrative Procedures Committees and, further, that, in the absence of any



members, the Secretary be instructed to call upon the Chairman of the Surface Operations Committee and the Chairman of the Public Information Committee to serve in that order at the meeting when one of the other members is absent.

Vice-President Neusom thereupon read to the meeting, and moved adoption, of the following resolution, which motion was duly seconded:

RESOLUTION NO. R-70-111

RESOLVED, that the action of the Board of Directors on May 6, 1969 creating the structure of the Executive Committee be and hereby is amended so that the membership of the Executive Committee is composed of the following:

PRESIDENT  
VICE-PRESIDENT  
CHAIRMAN OF ADVANCE PLANNING & ENGINEERING COMMITTEE  
CHAIRMAN OF FINANCE & GOVERNMENTAL AFFAIRS COMMITTEE  
CHAIRMAN OF PERSONNEL & ADMINISTRATIVE PROCEDURES COMMITTEE

RESOLVED FURTHER, that, in the absence of any members of the Executive Committee, the District Secretary is hereby instructed to call upon the Chairman of the Surface Operations Committee and the Chairman of the Public Information & Marketing Committee to serve in that order at the meeting when one of the other members is absent.

Director McMillan suggested that, since committee membership under the Brown Act is limited to five Directors, consideration be given to appointing the President and the Vice-President as Committee chairmen so that all five standing committees would be represented on the Executive Committee. He further stated that, if the chairman of the Surface Operations Committee was included as a member of the Executive Committee, the Committee

would be in a position to receive valuable information from that committee.

President Krauch and Vice-President Neusom stated that they were members of the Surface Operations and Public Information & Marketing Committees, respectively, and would be able to be just as effective in terms of communication as if they were chairmen of those committees.

Director Macke stated that he would just as soon look to the President and the Vice-President to select an Executive Committee from whatever group they desired, and not prescribe a formula or system of committee chairmen.

President Krauch thereupon announced that it had been moved and seconded that Resolution No. R-70-111 be adopted, and called for a vote thereon.

Directors Bill, Compton, Gleckman, Krauch, Neusom and Newcomb voted "Aye," with Directors Macke and McMillan voting "Nay." Resolution No. R-70-111 was adopted.

#### Report of General Manager Pro Tempore

Mr. George F. Goehler, General Manager Pro Tempore, reported on the activities of the District since the Regular Meeting held April 28, 1970. A copy of the Report is attached to these Minutes as Exhibit 3.

#### Report of President Herbert H. Krauch

President Krauch reported to the meeting, as follows:

"In addition to Mr. Goehler's report, Directors McMillan, Neusom, Newcomb, Compton, Gleckman and myself attended the ATA conference in San Francisco, and we had the opportunity of seeing the great progress that has been made by BART in building their rapid transit system.

The subway under the bay in Berkeley and Oakland is practically completed, and they are laying rails. Many of the big stations are in final stages of completion. Parts of Market Street are still torn up.

The most important statement we heard at the convention sessions was not very encouraging for the Southern California Rapid Transit District. Mr. Ralph Bartelsmeyer, U.S. Public Roads Director of the Department of Transportation, principal speaker at the meeting, in the course of his speech mentioned the San Bernardino Expressway, stating that the present estimated costs of the project were too high. As a result he stated the department had ordered that a study be made to see if costs could be reduced. Apparently this is another delaying tactic. Last time they wanted some specifications changed, now its a new cost study.

Yesterday Jack Gilstrap, representing General Manager Sam Nelson, and I attended the first meeting of the new California State Transportation Board in Sacramento. It was created by the state legislature as an advisory board to the legislature and the State Business and Transportation Agency headed by James Hall. The board of seven members was appointed by Governor Reagan and given the task of coordinating all types of transportation facilities and activities in the state. The board is to review all master plans both private and public for the overall state-wide transportation system and make recommendations. The reviews will include the California freeway and expressway system, the state aviation master plan and regional transportation plans developed by such organizations as the Bay Area Transportation Study Commission, the Southern California Association of Governments and similar organizations.

The Governor in a statement read at the meeting by James Hall said he hoped the new board would give consideration to the following five point program:

1. Keep California citizens mobile
2. Improve safety and efficiency of all transportation systems

- "3. Encourage greater community involvement in coordinated transportation planning
4. Harmonize the impact of highway and other transportation systems with the environment
5. Develop a statewide plan for transportation to serve future growth of the state

Incidentally, in the Governor's statement he gave his full endorsement to a demonstration project in the Los Angeles area of an entirely new system for inter-regional ground transportation. He said the high speed tracked air-cushion vehicle, electrically driven, may be the answer to our disenchanting railroad passenger business. It will not supersede, but will supplement, freeways and airlines. I presume he was talking about the Los Angeles airport project.

The new board includes Knox Bourne, Vice-President of McGraw-Hill Publications, President of Los Angeles Merchants and Manufacturers Association; Hornsby Wasson, retired Chairman of the Board, Pacific Telephone and Telegraph, San Francisco; Richard Brown, President, Brown Tool Company, El Cajon; George Bous, Transportation Manager, U. S. Plywood Corporation, Redding; Jonathan Gibson, retired Chief Counsel Santa Fe Railway, San Diego; James Folger, President of Folger Coffee Company, San Francisco and Aubrey Austin, President of the Santa Monica Bank.

Also, while I was in Sacramento, I met President Reedy of Bay Area Rapid Transit District and discussed with him the possibility of a joint meeting of some of the BARTD and RTD Board of Directors, either here or in San Francisco, to discuss mutual problems that might be beneficial to both organizations.

They are very much interested in our bus operation here because they eventually expect to operate Alameda-Contra Costa bus operation, and possibly the municipal system, as part of the BARTD system. On the other hand, we can learn from them some of the problems they faced building a rapid transit system."

Adjournment of Regular Meeting Scheduled to be Held on  
Tuesday, May 19, 1970

After discussion, on motion duly made, seconded and unanimously carried, the following resolution was adopted:

RESOLUTION NO. R-70-112

RESOLVED, that the next Regular Meeting of the Board of Directors scheduled to be held on Tuesday, May 19, 1970, be and hereby is adjourned to Tuesday, May 26, 1970, at 10:00 a.m. in the District's Board Room in the Transit District Building, 1060 South Broadway, Los Angeles, California.

There being no further business, the meeting adjourned.

VIRGINIA L. REES

Secretary

PUBLIC NOTICE

RECEIVED

APR - 9 1970

SCRID. SECRETARY

Notice is hereby given that the Southern California Rapid Transit District will receive bids for PETROLEUM PRODUCTS per specifications on file at the office of the Purchasing Agent, 361 East 55th Street, Los Angeles.

All bids must be submitted on forms furnished by the Southern California Rapid Transit District, and must be filed in the office of the Secretary, Room 1006, 1060 South Broadway on or before 10:00 AM May 4, 1970, at which time bids will be opened and publicly read.

Each bid must be sealed and marked #5-7004.

The District reserves the right to reject any and all bids, and to waive an infomality in the bidding.

(Date)

J. L. SMITH

S.C.R.T.D.

PURCH. AGENT



SOUTHERN CALIFORNIA RAPID TRANSIT DISTRICT

Petroleum Product Specifications  
General Terms & Conditions

1. Bidder must certify that the product or products to be furnished meet the minimum specifications in order to qualify. All products supplied by bidder will be subject to periodic check by independent laboratories at option of buyer to determine whether or not product being supplied meets specifications. In the event product supplied shall fail to meet the specifications, contractor may be required to remove and replace at his own expense, or make other adjustments as deemed appropriate by the Assistant General Manager for Operations.
2. Term of coverage is for a period of twelve (12) months commencing June 1, 1970.
3. Estimated annual quantities required of each product are as shown on Bid Sheet. These estimates are based upon experience, however the District is not to be held responsible for the accuracy of these estimates, and the quantity to be furnished and delivered will be such as will actually be required and ordered during the period of the contract.
4. Points of delivery for the various products are as shown on attached Bid Sheet and as listed below:

LOS ANGELES AREA

- (Diesel only) Division 1, 6th & Central
- Division 2, 783 East 16th Street
- Division 3, 637 West Avenue 27
- Division 5, 2300 West 54th Street
- Division 14, 54th & Avalon Boulevard

OTHER LOCATIONS

- Division 6, 100 Sunset Avenue, Venice
- Division 7, 710 N. San Vicente, W. Hollywood
- Division 8, 14557 Sherman Way, Van Nuys
- Division 9, 3449 Santa Anita Avenue, El Monte
- Division 12, 770 Chester Place, Long Beach
- (Diesel only) Division 13, 2450 Mulberry Street, Riverside
- (Diesel only) Division 18, 182 No. Fair Oaks, Pasadena

Deliveries of petroleum products will be ordered under the contract by telephone advance notice of not less than twenty-four (24) hours for delivery to the District's storage facilities and time of such deliveries are expressly limited to the hours of 9:00 a.m. to 3:00 p.m., only.

5. Extension of Facilities. The District reserves the right to add locations for service under this contract in the same general area on the same terms and conditions as prevail for those covered above.



Petroleum Product Specifications -- General Terms & Conditions

6. Bidder must agree to maintain and make available to buyer, technical services of competent engineers and necessary laboratory services for the purpose of assisting buyer in resolving any problems that may arise in connection with use of petroleum product being supplied.
7. It is understood that the District's obligation to purchase fuels from the successful bidder will cease if the use of any of such fuels violates any Federal or State law or regulation.
8. In the event that unleaded gasoline of at least 93 octane is made available in the California market during the term of the contract, the contractor agrees to supply such fuel at a price to be negotiated between the parties based upon the market price for such fuel, but in any event not to exceed price quoted herein. In the event that unleaded gasoline is available from other suppliers but contractor cannot supply the District's requirements, the District reserves the right to terminate its agreement to purchase the specified gasoline upon sixty (60) days' written notice.
9. Bidder shall submit with his proposal, a bid bond or certified check in an amount not less than 10% of the year's cost of the products bid upon based upon estimated quantities shown herein. Bond to be properly executed and acknowledged by the bidder, and a corporate surety authorized to transact such business in the State of California.

The successful bidder shall furnish at his own expense, a performance bond satisfactory to the District, in an amount not less than 10% of the year's cost of the product or products awarded him, based upon estimated quantities shown herein, as a guarantee of good faith on behalf of the contractor that the terms of the contract, payment of materials, labor or amounts due under Unemployment Insurance Code, or as otherwise required by the Government or Civil Code.

10. DO NOT include Federal Excise Taxes in your quotation, as the District will furnish certifications under its exemption status.
11. Deliveries are subject to applicable State Motor Fuel Taxes, State and Local Sales Taxes.
12. Bulk deliveries of petroleum products must be accompanied by memos showing quantity delivered and will be paid for by invoice adjusting quantities to 60°F. The District may require its employees to check the interior of the delivery truck compartment before and after delivery, therefore, all trucks must be equipped with necessary ladders, supports and hand grabs as will enable these inspections to be made in safety.
13. Invoices (4 copies) to be mailed to the District's Purchasing Department, P.O. Box 2296, Terminal Annex, Los Angeles, California, 90054, covering each individual shipment.

Petroleum Product Specifications -- General Terms & Conditions

14. Successful bidder will be required to sign a written contract or purchase order in accordance with and including as a part thereof, the published notice of invitation to bid, the general terms and conditions, and specifications.
15. The District reserves the right to award the contract to the lowest responsible qualified bidder on each item or to reject any or all proposals.
16. Bidder must state billing and credit details pertaining to containers.
17. Bidder shall supply record of proven satisfactory use in urban transit operations of product being bid upon. Adequacy of such proof shall be determined by the District.
18. Any controversy or claim arising out of or relating to this contract, or the breach thereof, shall be settled by arbitration at the election of either party in accordance with the Rules of the American Arbitration Association, and judgment upon the award rendered by the arbitrators may be entered in any court having jurisdiction thereof.
19. In accordance with California Government Code, Sections 4300 to 4305, and subject to the exceptions and inclusions thereof, only unmanufactured materials produced in the United States, and only manufactured materials manufactured in the United States, substantially all from materials produced in the United States, shall be used in the performance of the contract.
20. The parties hereto covenant and agree that to their knowledge, no Board member, officer, or employee of the Southern California Rapid Transit District has any interest, whether contractual, noncontractual, financial, or otherwise in his transaction, or in the business of the contracting party other than the District, and that if any such interest comes to the knowledge of either party at any time, a full and complete disclosure of all such information will be made in writing to the other party or parties even if such interest would not be considered a conflict of interest under Article 4 (commencing with Section 1090) or Article 4.6 (commencing with Section 1120) of Division 4 of Title 1 of the Government Code of the State of California.
21. The contractor shall also furnish owner a Certificate of Insurance covering Workmen's Compensation, Property Damage, and Bodily Injury coverage in such amounts as required by the District. In addition, a copy of an additional Interest Endorsement Certificate to the policy, showing the District as an additional named insured and providing that the policy may not be cancelled without fifteen (15) days' written notice to the District, should be furnished the District. Both certificates shall contain the following paragraph:

"Insured agrees that for any and all activities contemplated or undertaken in fulfillment of this contract, it will at all times indemnify, save harmless and defend the Southern California Rapid Transit District, its members, trustees, officers and employees, against all judgments, damages, claims or demands based upon personal injuries (including death), or property damage sustained or claimed to have been sustained, whether such person or persons making such demand for claim be the employees of the insured or otherwise."

Petroleum Product Specifications -- General Terms & Conditions

Copies of insurance certificates are to be mailed to the following address:

Southern California Rapid Transit District  
P.O. Box 2296, Terminal Annex  
Los Angeles, California 90054

Attention: Mr. E. W. Stanley

SOUTHERN CALIFORNIA RAPID TRANSIT DISTRICT

1970 Petroleum Product Specifications  
Summary Sheet - Exhibit "A"

<u>ITEM</u>	<u>PRODUCT</u>		<u>ESTIMATED ANNUAL REQUIREMENTS</u>	<u>BID PRICE</u>	<u>EXTENSION</u>
1	Diesel Fuel No. 1	T&T	12,365,000 Gal.	\$ _____	_____
2	Premium Gasoline	T-T&T	269,000 Gal.	\$ _____	_____
3	Crankcase Oil, Mil-L-2104A Division 14	Bulk	67,000 Gal.	\$ _____	_____
		Bbl.	1,650 Gal.	\$ _____	_____
	Delivery to locations: 2, 5, 8, 9, 12, 13, 14, 18				
4	Crankcase Oil, Mil-L-2104B	Bulk	45,000 Gal.	\$ _____	_____
	Delivery to locations: 1, 3, 7, 6				
5	Multi-Service Chassis	440# Bbl.	11,700 Lb.	\$ _____	_____
	& Wheel Bearing Grease	120# Bbl.	12,700 Lb.	\$ _____	_____
6	Air Cleaner Oil	55-Gal.Bbl.	7,370 Gal.	\$ _____	_____
7	Soluble Oil	53-Gal.Bbl.	700 Gal.	\$ _____	_____
8	#350 Thinner (Min. 25 Bbl.)	55-Gal.Bbl.	16,500 Gal.	\$ _____	_____
		Bulk	5,700 Gal.	\$ _____	_____

DIESEL FUEL SPECIFICATIONS

The materials supplied under this contract shall be a petroleum distillate having the following characteristics:

Cetane Number, Min. (may be attained by use of additives)	50
Pour Point, °F, Max.	-20
Flash Point, °F, Min.	125
Distillation, °F	
IBP, Min.	320
90%, Max.	500
EP, Max.	550
SUS/100 °F	30-40
Water & Sediment, % Max.	0.05
Ash Content, % Max.	0.01
Sulfur, % Max.	0.3
Corrosion, 3 Hrs./212°F, Max.	Pass 1/
Carbon Residue on 10% Residuum, % Max.	0.15*
Alkali or Mineral Acid	Neutral
Odor	Non-offensive
Color	Plus 10 Saybolt

(1/) The "pass" requirement for corrosion test shall be interpreted as no more than a transparent discoloration on any part of test strip.

(\*) Carbon residue requirement applies to the base fuel prior to the incorporation of any additives.

Diesel fuel supplied under this contract shall contain Ethyl corporation diesel additive MPA-D or approved equal in a ratio of 200 parts per million of fuel. In the event contractor proposes to use other than the specified additive, contractor will indicate the Brand Name, Specifications, and Additive Ratio of the additive he intends to furnish.

Conformity of product to be supplied under this contract shall be determined by the latest ASTM Test methods as follows:

TEST METHODS

Cetane Number	ASTM D613
Pour Point	ASTM D 97
Flash Point	ASTM D 93
Distillation	ASTM D 86
Viscosity	ASTM D445 & D2161
Water & Sediment	ASTM D1796
Ash Content	ASTM D482
Sulfur	ASTM D129
Corrosion	ASTM D130
Carbon Residue	ASTM D189
Alkali or Mineral Acid	ASTM D664

PREMIUM GASOLINE SPECIFICATIONSAPPROXIMATE DELIVERY SCHEDULES\*

	<u>WINTER</u>	<u>SUMMER</u>
	<u>Nov. 1 to Mar. 31</u>	<u>Apr. 1 to Oct. 31</u>
Reid Vapor Pressure Lb. Max.	11.0	9.0
Distillation °F		
Initial Boiling Point	105	110
10% Evaporation, Max.	130	145
50% Evaporation, Max.	225	240
90% Evaporation, Max.	345	350
End Point, Max.	405	415
Residue, % Max.	1	1
Octane No., Research, Min.	99.0	99.0
TEL Content, cc/gal., Max.	3.0	3.0
Doctor	Neg.	Neg.
Corrosion, 3 Hrs./122°F, Max.	Passes	Passes
Sulfur, % Max.	0.1	0.1
Oxidation Stability, minutes, Min.	240	240
Existent Gum, mg/100 ml., Max.	4	4

(\*) Transition period of plus or minus four (4) weeks shall be permitted.

Gasoline supplied under this contract shall contain PETROX additive, or approved equal in a ratio of 0.3 to 0.5% of gasoline. In the event contractor proposes to use other than the specified additive, he shall indicate the Brand Name, Specification and Additive Ratio of the additive he intends to furnish. In any event, additive must contain a proven detergent which will maintain carburetor throttle body throats in a clean condition.

TEST METHODS

Reid Vapor Pressure	ASTM D323
Distillation	ASTM D 86
Octane Number	ASTM D908
TEL Content	ASTM D526
Doctor	FSB 5203
Corrosion	ASTM D130
Sulfur	ASTM D1266
Oxidation Stability	ASTM D525
Existent Gum	ASTM D381

