

SERIAL 05096 S

TRAFFIC BARRICADE SERVICES

DATE OF LAST REVISION: September 03, 2008

CONTRACT END DATE: September 30, 2011

CONTRACT PERIOD THROUGH SEPTEMBER 30, ~~2008~~ 2011

TO: All Departments

FROM: Department of Materials Management

SUBJECT: Contract for **TRAFFIC BARRICADE SERVICES**

Attached to this letter is published an effective purchasing contract for products and/or services to be supplied to Maricopa County activities as awarded by Maricopa County on **September 21, 2005**.

All purchases of products and/or services listed on the attached pages of this letter are to be obtained from the vendor holding the contract. Individuals are responsible to the vendor for purchases made outside of contracts. The contract period is indicated above.

Wes Baysinger, Director
Materials Management

AS/mm
Attach

Copy to: Materials Management
Jim Baker, MCDOT

(Please remove Serial 99222-SC from your contract notebooks)

SPECIFICATIONS ON INVITATION FOR BID FOR: **TRAFFIC BARRICADE SERVICES**

1.0 **INTENT:**

The intent of this solicitation is to establish a contract for Traffic Barricade Services. This pricing agreement is for providing personnel and equipment for on-call barricade service in support of the Maricopa County Department Of Transportation (MCDOT) surface treatment and other projects. This service is to be authorized by Purchase Order only. Multiple awards may be made to meet the requirements of the County. Certain related products shall be purchased on this contract.

2.0 **TECHNICAL SPECIFICATIONS:**

2.1 **DESCRIPTION:**

The service shall consist of providing traffic control and barricade service in support of County maintenance and repair operations using Contractor furnished equipment and labor on an as needed basis. The Contractor shall furnish all labor, materials, services, insurance and equipment necessary for the delivery, placement, maintenance, removal of barricade equipment, as well as labor for flagger traffic control purposes as set forth in these specifications.

2.2 **TRAFFIC CONTROL MATERIAL AND LABOR:**

2.2.1 The specific layout and setup of traffic control shall be governed by these specifications; Manual on Uniform Traffic Control Devices (MUTCD) (see item 2.5), and/or MCDOT pre-approved traffic control plans. The Contractor shall be provided with a list of personnel authorized to order services. The Contractor shall be furnished written documentation of specific projects, typical traffic control plans and expected dates of operation and shall respond within seven (7) days to indicate their willingness to accept the project. Contractor shall be responsible to prepare specific traffic plans, which shall be approved in advance by MCDOT. If the Primary Contractor is unwilling or unable to accept the specific project, the project shall be awarded to the Secondary Contractor. Changes in traffic control plans or procedures may be authorized if substitute method of operation and set up supporting work is accepted by MCDOT. The County may utilize typical traffic control plans during the term of this contract and such plans will be provided to the Contractor

2.2.1.1 **MOBILIZATION & DEMOBILIZATION (TRAVEL TIME)**

There are three (3) zones for mobilization & demobilization, this is driving time to and from job sites through out Maricopa County. See Attachment A, Pricing Page, item 1.8 for the three (3) zones.

2.2.2 The Contractor shall only utilize personnel who are Certified flaggers. Traffic Control Supervisor(s) shall be an ATSSA Certified Traffic Control Technician. A list of certified personnel shall be provided to the MCDOT Highway Operations Engineer or his designee prior to the beginning of any project. Flaggers can be certified by IMSA, ATSSA, LTAP or other approved sources.

2.2.3 Existing signs conflicting with construction signing shall be covered. Centerline vertical panels with appropriate "Keep Right" signing shall be installed if required by MCDOT. Two sand bags shall be required on all portable signs and vertical panels, if more are required due to weather conditions, they will be provided at no charge to the County.

2.2.4 The County may provide one (1) operational portable communications radio for the Contractor's Traffic Control Technician Supervisor's use.

2.2.5 The Contractor shall pick up and remove signs, barricades, channels and other devices within twenty four (24) hours of notification and all covered signs shall be restored.

2.2.6 The contractor shall maintain a log of all requests for service. The log shall include name of requestor, date, time, and the required action to include:

2.2.6.1 Initial requests for signing.

2.2.6.2 Any additions or changes in signing.

2.2.6.3 The road segment being signed and traffic control requested.

2.2.7 The Contractor shall inspect and maintain all contractor installed portable traffic control devices at least once during each twenty-four (24) hour period. More frequent intervals of inspection and maintenance shall be made during periods of high winds or in areas where there is a continuing problem in maintaining the signs. Reports of all inspections with deficiencies shall be required and reported daily to the MCDOT Highway Operations Engineer or his designee.

2.2.8 The Contractor shall provide qualified supervision of all crews during the performance of the service. Supervisors and flaggers/laborers must be able to converse in the English language, and shall be authorized by the Contractor to receive and carry out directives issued by the MCDOT Operations Field Supervisor.

2.2.9 Portable Variable Message Signs; the message display shall utilize Light Emitting Diodes (LED's), Flip-Disk, Flip-Disk/Hybrid or LED/Shuttered pixel for all matrix types (character, line and full).

2.2.10 All signs shall be diamond grade or better.

2.2.11 PILOT CAR WITH DRIVER

Shall be ½ to one-ton truck with high-intensity rotating, flashing, oscillating, or strobe light and conspicuous location on the rear of vehicle to mount PILOT CAR FOLLOW ME (G20-4).

2.2.12 BARRICADE TRUCK WITH DRIVER

Shall be a one (1) ton to one-and-one-half (1-1/2) ton truck capable of transporting all signs, delineators, cones, channels, flagging supplies, double-faced flexible road markers with a double clear protector tab, portable radios and other signing supplies required for the day's activity. The truck shall be equipped with high-intensity rotating, flashing, oscillating, or strobe light and variable message board. If the Contractor is unable to provide delivery and layout within the specified time, immediate notification will be made to the Operations Field Supervisor.

2.2.13 TRUCK MOUNTED ATTENUATORS

Truck-mounted attenuators shall be energy-absorbing devices attached to the rear of trucks and shall be used in accordance MUTCD Section 6F.82.

2.3 **CHIP SEAL MARKERS:**

2.3.1 Chip Seal Marker, covered, 2-way yellow, Davidson TPRM-Y2 or equal.

2.3.2 Chip Seal Marker, covered, 1-way white, Davidson TPRM-W1 or equal.

2.4 **INSTALLATION CONFLICTS:**

In the event that MCDOT Highway Operations Engineer or his designee and the Contractor cannot agree on the proper traffic control or barricade installation, the judgment of the MCDOT Highway Operations Engineer or his designee shall prevail. The Contractor may request arbitration by the MCDOT Highway Operations Engineer or his designated representative. The

Contractor shall comply with the decisions made by the MCDOT Highway Operations Engineer as a result of such arbitration.

2.5 **REPORTS:**

Daily work sheets and a daily detailed listing of all the roads under signing shall be provided to the MCDOT Highway Operations Engineer or his designee. The report shall include a listing by road segments, the date signing was set up, the number and type of devices used for each mile, the date and time inspections were conducted, the date and time signing was removed (or the work that is continuing). The Contractor's Traffic Control Technician Supervisor and the MCDOT Operations Field Supervisor shall sign the report.

2.6 **STANDARDS:**

All equipment, signs, barricades and lighting devices shall be NCHRP-350 compliant, to the most current Federal Highway Administration MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES for streets and highways and all other polices or regulations on traffic control adopted by MCDOT.

2.7 **COUNTY SIGNING:**

The County reserves the right to provide, install or set up construction signing and barricading as deemed necessary with County forces or by the Secondary Contractor if adequate materials and personnel can not be supplied by the Contractor.

2.8 **DAMAGED, STOLEN OR LOST SIGNING:**

All lost, stolen or damaged devices shall be immediately replaced by the Contractor or removed from the rental equipment listing upon notification by a MCDOT representative. MCDOT will make rental payments only for equipment that is physically used on projects and in acceptable working order. Contractor shall not be reimbursed by MCDOT for the replacement value of lost or stolen equipment.

2.9 **DISPATCH CENTER:**

The Contractor shall provide and maintain a manned twenty-four (24) hour dispatch center with an operational radio net and telephone to provide emergency service. The dispatch center must have at its disposal a sufficient number of trucks, men and equipment to respond to requests and initiate mobilization for service within two (2) hours, including nights, weekends and holidays. During active road maintenance operations, the men and equipment shall respond and mobilize within one (1) hour for the daily scheduled service.

2.10 **SAFETY REQUIREMENTS:**

The Contractor shall adhere to all applicable OSHA, industry and local government safety procedures, rules and regulations. The Contractor shall train its personnel in appropriate safety standards relating to the performance of services described in these Technical Specifications.

2.11 **INSPECTIONS:**

The County reserves the right to inspect each bidder's equipment and review their application procedures prior to contract award.

2.12 **QUALIFICATION OF BIDDERS:**

CONTRACTOR shall have minimum of five (5) years of experience. Only firms experienced in the processes of road construction/maintenance traffic control and barricading renting will be considered for contract award.

2.13 **LICENSES AND PERMITS:**

The CONTRACTOR shall, at its expense, procure all necessary licenses and permits relating to Contractors operation in connection with the services described in these Technical Specifications.

2.14 **PROTECTION OF PUBLIC AND PRIVATE PROPERTY:**

The contractor shall exercise prudent caution to protect pedestrian and vehicular traffic. Contractor shall further avoid causing damage to public and private property. If in the opinion of the MCDOT representative, the Contractor engages in a hazardous practice, Contractor shall cease such activity immediately after verbal or written notification by the MCDOT representative.

2.15 **BILLING:**

The billing for services shall follow the weekly report format and include a listing by road segments specified by the MCDOT Highway Operations Engineer or his designee W.O. number. Included with this will be the date and time, whether it was installation or removal, what type of activity (i.e. flagging, signing, inspection, etc.), what type of activity that the work is supporting (i.e. Chip Seal, Sweeping or Flushing), truck numbers of vehicles physically on the work site and the employee identification numbers for those employees physically on the work site. Signed daily work sheets shall be used to verify billing.

2.16 **DELIVERY:**

It shall be the Contractor's responsibility to meet the County's delivery requirements, as called for in the Technical Specifications. Maricopa County reserves the right to obtain services on the open market in the event the Contractor fails to make delivery and any price differential will be charged against the Contractor.

3.0 **SPECIAL TERMS & CONDITIONS:**

3.1 **CONTRACT LENGTH:**

This Invitation for Bids is for awarding a firm, fixed price purchasing contract to cover a three (3) year period.

3.2 **OPTION TO EXTEND:**

The County may, at their option and with the approval of the Contractor, extend the period of this Contract up to a maximum of three (3), one (1) year options. The Contractor shall be notified in writing by the Materials Management Department of the County's intention to extend the contract period at least thirty (30) calendar days prior to the expiration of the original contract period.

3.3 **ESCALATION:**

Any request for reasonable price adjustments must be submitted thirty (30) days prior to the Contract expiration. Justification for the requested adjustment in cost of labor and/or materials must be supported by appropriate documentation and fall within the Producer Price Index for the commodity. Increases are subject to approval in writing by the Materials Management Department prior to any adjusted invoicing being submitted for payment.

3.4 **EVALUATION CRITERIA:**

The evaluation of this Bid will be based on, but not limited to, the following:

3.4.1 Compliance with specifications

3.4.2 Overall Price

3.4.3 Determination of responsibility

The County reserves the right to award in whole or in part, by item or group of items, by section or geographic area, or make multiple awards, where such action serves the County's best interest.

3.5 TAX:

No tax shall be levied against labor. Bid pricing to include all labor, overhead tools and equipment used, profit, and any taxes that may be levied. It is the responsibility of the Contractor to determine any and all taxes and include the same in bid price.

3.6 INQUIRIES AND NOTICES:

All inquiries concerning information herein shall be addressed to:

MARICOPA COUNTY
DEPARTMENT OF MATERIALS MANAGEMENT
ATTN: CONTRACT ADMINISTRATION
320 W. LINCOLN ST.
PHOENIX, AZ 85003

Administrative telephone inquiries shall be addressed to:

Andrea Stupka ~~WALT PRICE~~, PROCUREMENT CONSULTANT, 602-506-3454
(~~wprice~~ **astupka**@mail.maricopa.gov)

Technical telephone inquiries shall be addressed to:

JIM BAKER, DEPARTMENT OF TRANSPORTATION, 602-506-4054
(JimBaker@mail.maricopa.gov)

Inquiries may be submitted by telephone but must be followed up in writing. No oral communication is binding on Maricopa County.

3.7 PRE-BID CONFERENCE:

THERE WILL BE A MANDATORY PRE-BID CONFERENCE ON AUGUST 9, 2005 AT 10:00 A.M. AT THE TRANSPORTATION DISTRIBUTION CONFERENCE ROOM, 2222 S. 27TH AVENUE, PHOENIX, AZ 85009.

3.8 SUBMISSION PRICE CLARITY:

For reasons of clarity all submissions of pricing (Attachment A) shall be priced in the same unit (size, volume, quantity, weight, etc.) as the bid specifications request. Submissions (bids) failing to comply with this requirement may be declared non-responsive.

3.9 INSTRUCTIONS FOR PREPARING AND SUBMITTING BIDS:

Respondents are to provide one (1) original (labeled), one hard copy and one (1) electronic copy of pricing on a CD. Respondents are to identify their responses with the bid serial number, title and return address to Maricopa County, Department of Materials Management, 320 West Lincoln, Phoenix, Arizona 85003. **A corporate official who has been authorized to make such commitments must sign bids.**

HIGHWAY TECHNOLOGIES INC., UNITED RENTALS HWY TECH, 4200 E. BROADWAY, PHOENIX, AZ 85040 3116 S ROOSEVELT, TEMPE, AZ 85282

OTHER GOV'T. AGENCIES MAY USE THIS CONTRACT: YES NO

PRICING SHEET NIGP CODE 9817601

1.0 PRICING

Daily unit rate for each item shall include setup, removal and periodic field check. Signs shall include sign stand support unless otherwise specified.

	<u>TYPE</u>	<u>Description</u>	<u>Est. Annual Rental Units</u>	<u>Daily Rate</u>
1.1	SIGNS			
1.1.1	Large Sign	48" x 48" (2304 Sq. In.) or Larger	3000	\$4.45
1.1.2	Medium Size	36" x 36" (1296-2303 Sq. In.)	4000	\$3.86
1.1.3	Small Sign	24" x 24" (576 -1295 Sq. In.)	4000	\$2.78
1.2	SIGNS, FLASHING			
1.2.1	Type A	Low Intensity Flashing warning light	1000	\$0.65
1.2.2	Type B	High Intensity Flashing warning light	5000	\$2.50
1.2.3	Type C	Steady Burn warning light	10000	\$0.85
1.2.4	Type D	360 Degree Steady Burn warning light	1000	\$1.50
1.2.5	Type I	Barricade-Vertical Panel	1000	\$1.40
1.3	BARRICADES, CONES, MISCELLANEOUS			
1.3.1	Type II	Barricade	9000	\$1.95
1.3.1	Type III	Barricade	700	\$2.10
1.3.3	Portable Sign Stand	Wind Master (spring loaded, model 4860 or equal)	750	\$3.12
1.3.4	Traffic Cone	Reflectorized	5000	\$1.35
1.3.5	Sand Bag		10000	\$0.50
1.3.6	Flag		2000	\$0.50
1.3.7	Flagger paddles	(Stop-Slow)	200	\$2.71
1.3.8	Arrow Boards		50	\$65.00
1.3.9	Temporary Traffic Barriers	(Jersey Barriers)	100	\$0.50 per ft/Price does not include freight, setting, and removal.

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	<u>TYPE</u>	<u>Description</u>	<u>Est. Annual Rental Units</u>	<u>Daily Rate</u>
1.3.10		Temporary Longitudinal Traffic Barriers, water filled (Jersey Type)	100	\$5.00
1.3.11		Portable Variable Message Signs, Three-Line	50	\$175.00
1.4	PILOT CAR RENTAL WITH DRIVER			
<p>The County shall compensate CONTRACTOR per the following hourly rental rates, for the actual time the pilot car with driver is used in direct support services. The rates shall include, but not necessarily be limited to all maintenance, operations, fuel, repair and other related costs as well as mobilization and demobilization, and a "PILOT CAR FOLLOW ME" sign placed on the rear of the pilot car.</p>				
1.4.1		Pilot Car w/Driver	2000	\$85.00 /HOUR
<p>* Payment for increments of less than a whole HOUR shall be defined as the ¼ hour or any part of a consecutive ¼ hour period during which the car or the traffic control devices are used in direct support of the services.</p>				
1.5	BARRICADE TRUCK RENTAL WITH DRIVER AND TRUCK MOUNTED ATTENUATOR			
<p>The County shall compensate CONTRACTOR per the following hourly rental rates, for the actual time the barricade truck (1 TON TO 1-1/2 TON FLATBED) with driver is used in direct support of the services. The rates shall include, but not necessarily be limited to all maintenance, operation, fuel, repair and other related costs as well as mobilization and</p>				
1.5.1		Barricade Truck w/Driver	5600	\$85.00 /HOUR
1.5.2		Truck Mounted Attenuators w/Driver	25	\$100.00 /HOUR Minimum 4 Hour Charge
<p>* Payment for increments of less than a whole HOUR shall be defined as the ¼ hour or any part of a consecutive ¼ hour period during which the car or the traffic control devices are used in direct support of the services.</p>				
1.6	HOURLY RATES: FLAGGER, TRAFFIC CONTROL TECHNICIAN, TRAFFIC SUPERVISOR			
<p>The County shall compensate CONTRACTOR for services provided per the following fixed hourly rates, which shall include all applicable payroll burdens, for actual time such personnel is directly engaged in the performance of the services on the job site. Rates are for additional personnel not included in Pilot Car w/driver and Barricade Truck w/driver rental.</p>				
1.6.1		Flagger Does not include truck	5820	\$45.00 /HOUR
1.6.1		Traffic Control Technician Does not include truck	2800	\$50.00 /HOUR
1.7	PURCHASE OF SUPPLIES/INSTALLATION			
1.7.1		2-Way Double-faced chip seal road markers, with double clear protective cover (yellow), Davidson TPRM-Y2 or equal per each installed and activated	10500	\$2.31 /EACH

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	<u>TYPE</u>	<u>Description</u>	<u>Est. Annual Rental Units</u>	<u>Daily Rate</u>
1.7.2		1-Way Chip seal marker with double clear protective cover (White), Davidson TPRM-W1 or equal Per each installed and activated	3000	\$2.31 /EACH

1.8 MOBILIZATION AND DEMOBILIZATION

1.8.1 Zone 1 Phoenix metropolitan area out to Deer Valley Road to the west, Pima Road alignment to the east, Elliot Road alignment to the south, Cotton Lane alignment to the west. Allowed Charges: 1/2 hour mobilization and 1/2 hour demobilization.

\$100.00 per mobilization/mobilization/Per Barricade Truck w/Driver

1.8.2 Zone 2 Deer Valley Alignment north to the county line, Pima Road alignment east to the county line, Elliot Road south to the SR238 alignment and Cotton Lane alignment west to the 339th Avenue alignment. Allowed Charges: 1 hour mobilization and 1 hour demobilization.

\$200.00 per mobilization/mobilization/Per Barricade Truck w/Driver

1.8.3 Zone 3 West of 339th Avenue to the county line and South of SR238 to the county line. Allowed Charges: 1-1/2 hours mobilization and 1-1/2 hours demobilization.

\$300.00 per mobilization/mobilization/Per Barricade Truck w/Driver

Terms: 2% 10 Days Net 30

Vendor Number: W000002266 X

Telephone Number: ~~480-894-2101~~ **602/437-3636**

Fax Number: ~~480-967-6699~~ **602/437-8740**

Contact Person: ~~Barbara Kush~~ **Brad Haws**

E-mail Address: bkush Brad.Haws@hwy-tech.com

Contract Period: To cover the period ending ~~September 30, 2008~~ **2011.**