MISSOURI DEPARTMENT OF TRANSPORTATION
INFORMAL QUOTE GUIDELINES AND DOCUMENTATION

REQUEST FOR QUOTATION

It is the vendor's responsibility to read and comply with all conditions, specifications, and instructions outlined in this document. This document and any subsequent attachments shall supersede all confirmation forms, receipts, or any other paperwork needed to secure materials, equipment, or services.

TODAY'S DATE: NOVEMBER 28, 2008	**QUOTE DUE BY (DATE AND TIME):** DECEMBER 8, 2008 @ 1:00 PM CENTRAL TIME	F.O.B. REQUIREMENTS: DESTINATION (SEE DELIVERY LOCATION BELOW)
SPECIFY YOUR DELIVERY TIME FRAME IN THE SPACES PROVICED BELOW.	**QUOTATION # D209-041-R2** THIS QUOTATION # SHOULD BE REFERENCED ON ALL MAILING LABELS, ENVELOPES, AND ANY OTHER CORRESPONDENCE.	BUYER NAME: WILLIAM D. "BILL" NOYES, CPPO, CPPB INTERMEDIATE PROCUREMENT AGENT PHONE NUMBER: (660)-385-8245 **FAX: (660)-385-1707**

Mailing Address: **(RFQ responses may be faxed)** Missouri Department of Transportation – District 2 General Services (Procurement) Division 902 North Missouri Street P.O. Box 8 Macon, MO. 63552	Delivery Location: MoDOT District 2 – Concrete Crew Attn: Mike Ewigman 28865 Hwy 11 (Junction of Rt. 36 and Rt. 11) Brookfield, MO. 64628 (Linn County)

ALL QUOTES SHOULD BE EXTENDED & TOTALED. DELIVERY TIME SHOULD BE LISTED

Quantity	U/M	DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION	DELIVERY TIME FRAME
20	EA	30" Diamond Saw Blades Type I – Blade Width = .375	$	$	_____ A.R.O.
20	EA	36" Diamond Saw Blades Type II – Blade Width = .187	$	$	_____ A.R.O.
TOTAL ORDER EXTENSION:				$	

VENDORS: Take careful note of the specification requirements outlined on Page 2.

The make/model/horse power of the concrete saw these diamond blades will be used on:
MoDOT District 2 currently has two concrete saws. The first is a Target Pro 65G – 65 horsepower (gasoline) and the second is a Target Pro 66 – 66 horsepower (diesel).

QUOTATION SUBMISSION INSTRUCTIONS FOR VENDORS

When responding to this Request For Quotation, vendors should:

1. List the vendor name, quote prices, price extensions & delivery times in the spaces provided on page 1.
2. Complete the Preference In Purchasing Products form on page 3.
3. Provide the requested Vendor Information in the blocks provided on page 4.
4. Return pages 1 through 4 before the response deadline per the instructions on page 1 & 4.
5. If not interested in submitting pricing for this RFQ, please return the "No Quote" form on page 8.

VENDOR NAME:

(Please enter your company name in this block)

DIAMOND SAW BLADES SPECIFICATION REQUIREMENTS

All blades supplied as a result of this Request For Quotation and contract must comply with the attached **MoDOT Specification # MGS-90-01H (Revision Date 11-17-06)** and any other provisions outlined in the solicitation documents.

IMPORTANT NOTE: Blades received under this contract must meet all the requirements of this specification or they will not be accepted. If blades are supplied which do not meet the required specifications in every detail, it will be the vendor's responsibility (and at the vendor's cost) to pick up the rejected blades within **20 working days** of notification of rejection and to provide new replacement blades within that same time period (see liquidated damages note below).

No payments will be made on any invoices until it is determined the blades supplied meet all of the required specifications. Liquidated damages will be assessed, as outlined in the special terms and conditions, for any late deliveries (according to the delivery time frame quoted), as well as any days past the allowed 20 working days, if rejected blades are not picked up and replacement blades received.

SPECIAL TERMS AND CONDITIONS

Award
Award of this quote will be made on an "All Or Nothing" basis using the "lowest and best" principle of award. MoDOT District Two reserves the right to reject any or all bids received.

F.O.B.
All materials quoted are F.O.B. Destination (as outlined above). Delivery/Freight costs must be included in the unit price quoted and not listed as a separate line item.

Pricing Guarantee
Pricing submitted shall be valid for the initial order (above) and any additional orders until December 31, 2009. After the initial order is placed, additional quantities may be ordered as-needed during this contract period and will be furnished by the bidder at the same unit price and shall meet the same requirements and specifications.

Certificate of Good Standing
The Bidder must be in compliance with the laws regarding conducting business in the State of Missouri. Within ten (10) business days of notification, the Bidder will need to provide a copy of his/her Missouri Secretary of State's "Certificate of Good Standing" prior to the issuance of any contract or initial purchase order by the Missouri Department of Transportation (MoDOT). MoDOT reserves the right, at its sole discretion, to extend the date this documentation must be provided. The Bidder's inability to provide this documentation will result in his/her bid being rejected.

RsMO 34.040.6 Compliance
The Bidder must be in compliance with the laws regarding conducting business in the State of Missouri. The Bidder should ensure they are in good standing with the Missouri Department of Revenue. Prior to award MoDOT staff will check with the Missouri Department of Revenue to ensure compliance with the provisions of RsMO 34.040.6. If necessary a "Certificate of No Tax Due" may be requested of the successful Bidder. If such a certificate is requested, the Bidder's inability to provide this documentation will result in his/her bid being rejected.

Delivery – Additional Requirements
The vendor shall furnish the Missouri Department of Transportation with 24 hours notice prior to any deliveries. Notification should be during the normal workday preceding the day on which the vendor desires to initiate delivery. It will be necessary for a representative of the Missouri Department of Transportation to be present when the material is delivered. No deliveries will be made on Saturdays, Sundays and official holidays unless specifically authorized by a MoDOT District 2 representative.

Liquidated Damages
In the event the successful vendor fails to deliver the material within the time specified, the Department and the public will sustain damages because of such delay in delivery, the exact extent of which would be difficult to ascertain, and in order to liquidate such damage in advance it is agreed that the sum of **one-hundred dollars ($100.00) per day**, for each assessable calendar day on which the delivery has not been completed, is reasonable and the best estimate which the parties can arrive at as liquidated damages, and it is therefore agreed that said amount will be withheld from payments due the vendor or otherwise collected from the vendor as liquidated damages. Saturdays, Sundays, official holidays shall not be assessable days.

PREFERENCE IN PURCHASING PRODUCTS

DATE: _____

The bidders attention is directed to Section 34.076 RsMO 1986 which gives preference to Missouri corporations, firms, and individuals when letting contracts or purchasing products.

Bids/Quotations received will be evaluated on the basis of this legislation.

All vendors submitting a bid/quotation must furnish ALL information requested below.

FOR CORPORATIONS:

State in which incorporated: _____

FOR OTHERS:

State of domicile: _____

FOR ALL VENDORS:

List address of Missouri offices or places of business:

_____

_____

_____

_____

_____

_____

_____

THIS SECTION MUST BE COMPLETED AND SIGNED:

FIRM NAME: _____

ADDRESS: _____

CITY: _____ **STATE:** _____ **ZIP:** _____

BY (signature required): _____

Federal Tax I.D. #: _____ **if no Federal Tax I.D. # - list Social Security #:** _____

NOTE: For bid/quotation to be considered, the "Preference in Purchasing Products" form must be on file in the General Services (Procurement) Division and must be dated in the current calendar year.

VENDOR NOTES

VENDORS MAY ALSO ATTACH OTHER PERTINENT OR SUPPORTING DATA WITH THEIR RESPONSE TO THIS RFQ.

Missouri Department of Transportation purchase orders must be issued to the invoicing company/address. If the invoicing company/address will be different from that listed in the vendor information section (below), the vendor should specify the "remit to" company/address in the vendor notes section (above).

VENDOR INFORMATION

Vendor Name/Mailing Address: Email Address:	Vendor Contact Information (including area codes): Phone #: Cellular #: Fax #:
Printed Name and Title of Responsible Officer or Employee:	Signature:

Is your company registered/certified with the State of Missouri as a (please circle):

MINORITY BUSINESS ENTERPRISE (MBE) ?	YES	NO
WOMEN BUSINESS ENTERPRISE (WBE) ?	YES	NO
Would your company like information on becoming a registered/certified MBE/WBE vendor?	YES	NO
Is your company a MISSOURI SERVICE-DISABLED VETERAN BUSINESS?	YES	NO

A service-disabled veteran is defined as any individual who is disabled as certified by the appropriate federal agency responsible for the administration of veteran's affairs. A service-disabled veteran business is defined as a business concern:

- not less than fifty-one (51) percent of which is owned by one or more service-disabled veterans or, in the case of publicly owned businesses, not less than fifty-one (51) percent of the stock of which is owned by one or more service-disabled veterans; and
- the management and daily business operations of which are controlled by one or more service-disabled veterans.

All responses to this Request For Quotation should be submitted on this form and pages 1 thru 4 should be returned to the Buyer listed above at the District mailing address or fax number shown.

Note: If any of the "Standard Solicitation Provisions" and "General Terms and Conditions" on the following pages conflict with the requirements outlined in this Request For Quotation, the RFQ requirements will supersede those below.

STANDARD SOLICITATION PROVISIONS

a. The Missouri Department of Transportation (MoDOT) reserves the right to reject any or all bids/quotes/proposals, and to accept or reject any items thereon, and to waive technicalities. In case of error in the extension of prices in the bid/quote/proposal, unit prices will govern.

b. All bids/quotes/proposals must be signed with the firm name and by a responsible officer or employee. Obligations assumed by such signature must be fulfilled.

c. By virtue of statutory authority, a preference will be given to materials, products, supplies, provisions and all other articles produced, manufactured, made or grown, within the State of Missouri.

d. Time of delivery is a part of the consideration and, if not otherwise stated in the solicitation documents, must be stated in definite terms by the Bidder/Offeror and must be adhered to. If time varies on different items, the Bidder/Offeror shall so state.

e. If providing bids/quotes/proposals for commodities, the Bidder/Offeror will state brand or make on each item. If bidding or proposing other than the make, model or brand specified, the manufacturer's name, model number or catalog number must be given.

f. **For bids/proposals of $25,000** or more, no bids/proposals by telephone, telegram or telefax will be accepted. If provided, these bids/proposals should be returned in the MoDOT solicitation return envelope.

g. If a solicitation return envelope is provided by MoDOT, the bid/quote/proposal should be returned in the envelope provided with the Bid/RFQ/RFP Request Number plainly indicated thereon.

h. The date specified for the returning of bids/quotes/proposals is a firm deadline and all bids/quotes/proposals must be received at the designated office by that time. The Department does not recognize the U.S. Mail, Railway Express Agency, Air Express, or any other organization, as its agent for purposes of accepting proposals. All proposals arriving at the designated office after the deadline specified will be rejected.

GENERAL TERMS AND CONDITIONS

General Performance

a. This work is to be performed under the general supervision and direction of the Missouri Department of Transportation (MoDOT) and, if awarded any portion of the work, the Contractor agrees to furnish at his own expense all labor and equipment required to complete the work, it being expressly understood that this solicitation is for completed work based upon the price(s) specified and is not a solicitation for rental of equipment or employment of labor by MoDOT, and MoDOT is to have no direction or control over the employees used by the Contractor in performance of the work.

Deliveries

a. Unless otherwise specified on the solicitation documents or purchase order, suppliers shall give at least 24 hours advance notice of each delivery. Delivery will only be received between the hours of 8:00 a.m. to 3:00 p.m., Monday through Friday. Material arriving after 3:00 p.m. will not be unloaded until the following workday. No material will be received on Saturday, Sunday or state holidays.

b. If the prices bid herein include the delivery cost of the material, the Contractor agrees to pay all transportation charges on the material as FOB - Destination. Freight costs must be included in the unit price bid and not listed as a separate line item.

c. Any demurrage is to be paid by the Contractor direct to the railroad or carrier.

Nondiscrimination

a. The Contractor shall comply with the Regulations relative to nondiscrimination in federally-assisted programs of the Department of Transportation, Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.

b. All solicitations either by competitive bidding or negotiation made by the Contractor for work to be performed under a subcontract, including procurements of materials or leases of the Contractor's obligations under this contract and the Regulations, will be relative to nondiscrimination on the grounds of race, color, or national origin.

1) Sanctions for Noncompliance: In the event of the Contractor's noncompliance with the nondiscrimination provisions of this contract, MoDOT shall impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:

i. withholding of payments to the Contractor under the contract until the Contractor complies, and/or,

ii. cancellation, termination or suspension of the contract, in whole or in part.

Contract/Purchase Order

a. By submitting a bid/quote/proposal, the Bidder/Offeror agrees to furnish any and all equipment, supplies and/or services specified in the solicitation documents, at the prices quoted, pursuant to all requirements and specifications contained therein.

b. A binding contract shall consist of: (1) the solicitation documents, amendments thereto, and/or Best and Final Offer (BAFO) request(s) with any changes/additions, (2) the Contractor's proposal and/or submitted pricing, and (3) the MHTC's acceptance of the proposal and/or bid by purchase order.

c. A notice of award does not constitute an authorization for shipment of equipment or supplies or a directive to proceed with services. Before providing equipment, supplies and/or services, the Contractor must receive a properly authorized purchase order and/or notice to proceed.

d. The contract expresses the complete agreement of the parties and performance shall be governed solely by the specifications and requirements contained therein. Any change, whether by modification and/or supplementation, must be accomplished by a formal contract amendment signed and approved by and between the duly authorized representative of the Contractor and the duly authorized representative of the MHTC, by a modified purchase order prior to the effective date of such modification. The Contractor expressly and explicitly understands and agrees that no other method and/or no other document, including correspondence, acts, and oral communications by or from any person, shall be used or construed as an amendment or modification.

Subcontracting

a. It is specifically understood that no portion of the material or any interest in the contract, shall be subcontracted, transferred, assigned or otherwise disposed of, except with the written consent of MoDOT. Request for permission to subcontract or otherwise dispose of any part of the work shall be in writing to MoDOT and accompanied by a showing that the organization which will perform the work is particularly experienced and equipped for such work.

b. Consent to subcontract or otherwise dispose of any portion of the work shall not be construed to relieve the Contractor of any responsibility for the production and delivery of the contracted work and the completion of the work within the specified time.

c. All payments for work performed by a subcontractor shall be made to the Contractor to whom the contract was awarded and the purchase order issued.

Invoicing and Payment

a. MoDOT is exempt from paying Missouri Sales Tax, Missouri Use Tax and Federal Excise Tax. However, the Contractor may themselves be responsible for the payment of taxes on materials they purchase to fulfill the contract. A Federal Excise Tax Exemption Certificate will be furnished to the successful Bidder/Offeror upon request.

b. Each invoice should be itemized in accordance with items listed on the purchase order and/or contract. The statewide financial management system has been designed to capture certain receipt and payment information. Therefore, each invoice submitted must reference the purchase order number and must be itemized in accordance with items listed on the purchase order. Failure to comply with this requirement may delay processing of invoices for payment.

c. Unless otherwise provided for in the solicitation documents, payment for all equipment, supplies, and/or services required herein shall be made in arrears. The Missouri Highways and Transportation Commission (MHTC) shall not make any advance deposits.

d. The MHTC assumes no obligation for equipment, supplies, and/or services shipped or provided in excess of the quantity ordered. Any authorized quantity is subject to the MHTC's rejection and shall be returned at the Contractor's expense.

e. The MHTC reserves the right to purchase goods and services using the state purchasing card.

Applicable Laws and Regulations

a. The contract shall be construed according to the laws of the State of Missouri. The Contractor shall comply with all local, state, and federal laws and regulations related to the performance of the contract.

b. The Contractor must be registered and maintain good standing with the Secretary of State of the State of Missouri and other regulatory agencies, as may be required by law or regulations. Prior to the issuance of a purchase order and/or notice to proceed, the Contractor may be required to submit to MoDOT a copy their current Authority Certificate from the Secretary of State of the State of Missouri.

   1) Prior to the issuance of a purchase order and/or notice to proceed, all **out-of-state** Contractors **providing services** within the state of Missouri must submit to MoDOT a copy of their current Transient Employer Certificate from the Department of Revenue, in addition to a copy of their current Authority Certificate from the Secretary of State of the State of Missouri.

c. The contractor shall only utilize personnel authorized to work in the United States in accordance with applicable federal and state laws and Executive Order 07-13 for work performed in the United States.

d. The exclusive venue for any legal proceeding relating to or arising, out of the contract shall be in the Circuit Court of Cole County, Missouri.

Preferences

a. In the evaluation of bids/quotes/proposals, preferences shall be applied in accordance with Chapter 34 RsMO. Contractors should apply the same preferences in selecting subcontractors.

b. By virtue of statutory authority, RsMO. 34.076 and 34.350 to 34.359, a preference will be given to materials, products, supplies, provisions and all other articles produced, manufactured, made or grown within the State of Missouri. Such preference shall be given when quality is equal or better and delivered price is the same or less.

   1) If attached, the document entitled **"PREFERENCE IN PURCHASING PRODUCTS"** must be completed and returned with the solicitation documents.

   2) If attached, the document entitled **"MISSOURI DOMESTIC PRODUCTS PROCUREMENT ACT"** must be completed and returned with the solicitation documents. **Applies if bid is Twenty-Five Thousand Dollars ($25,000.00) or more**

c. In the event of a tie of low bids, the MHTC reserves the right to establish the method to be used in determining the award

Remedies and Rights

a. No provision in the contract shall be construed, expressly or implied a waiver by the MHTC of any existing or future right and/or remedy available by law in the event of any claim by the MHTC of the Contractor's default or breach of contract.

b. The Contractor agrees and understands that the contract shall constitute an assignment by the Contractor to the MHTC of all rights, title and interest in and to all causes of action that the Contractor may have under the antitrust laws of the United States or State of Missouri for which causes of action have accrued or will accrue as the result of or in relation to the particular equipment, supplies, and/or services purchased or produced by the Contractor in the fulfillment of the contract with the MHTC.

c. In the event a Contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the Contractor may request MoDOT to enter into such litigation to protect the interests of the MHTC, and, in addition, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

Cancellation of Contract

a. The MHTC may cancel the contract at any time for a material breach of contractual obligations or for convenience by providing the Contractor with written notice of cancellation. Should the MHTC exercise its right to cancel the contract for such reasons, cancellation will become effective upon the date specified in the notice of cancellation sent to the Contractor.

b. If the MHTC cancels the contract for breach, the MHTC reserves the right to obtain the equipment, supplies, and/or services to be provided pursuant to the contract from other sources and upon such terms and in such manner as the MHTC deems appropriate and charge the Contractor for any additional costs incurred thereby.

Bankruptcy or Insolvency

a. Upon filing for any bankruptcy or insolvency proceeding by or against the Contractor, whether voluntary or involuntary, or upon the appointment of a receiver, trustee, or assigned the benefit or creditors, the Contractor must notify MoDOT immediately. Upon learning of any such actions, the MHTC reserves the right, at its sole discretion, to either cancel the contract or affirm the contract and hold the Contractor responsible for damages.

Inventions, Patents, and Copyrights

a. The Contractor shall defend, protect, and hold harmless the MHTC, its officers, agents, and employees against all suits of law or in equity resulting from patent and copyright infringement concerning the Contractor's performance or products produced under the terms of the contract.

Inspection and Acceptance

a. No equipment, supplies, and/or services received by MoDOT pursuant to a contract shall be deemed accepted until MoDOT has had reasonable opportunity to inspect said equipment, supplies, and/or services.

b. All equipment, supplies, and/or services which do not comply with the specifications and/or requirements or which are otherwise unacceptable or defective may be rejected. In addition, all equipment, supplies, and/or services which are discovered to be defective or which do not conform to any warranty of the Contractor upon inspection (or at any later time if the defects contained were not reasonably ascertainable upon the initial inspection) may be rejected.

c. The MHTC reserves the right to return any such rejected shipment at the Contractor's expense for full credit or replacement and to specify a reasonable date by which replacements must be received.

d. The MHTC's right to reject any unacceptable equipment, supplies, and/or services shall not exclude any other legal, equitable or contractual remedies the MHTC may have.

Warranty

a. The Contractor expressly warrants that all equipment, supplies, and/or services provided shall: (1) conform to each and every specification, drawing, sample or other description which was furnished to or adopted by MoDOT, (2) be fit and sufficient for the purpose expressed in the solicitation documents, (3) be merchantable, (4) be of good materials and workmanship, and (5) be free from defect.

b. Such warranty shall survive delivery and shall not be deemed waived either by reason of the MHTC's acceptance of or payment for said equipment, supplies, and/or services.

Status of Independent Contractor

a. The Contractor represents itself to be an independent Contractor offering such services to the general public and shall not represent itself or its employees to be an employee of the MHTC. Therefore, the Contractor shall assume all legal and financial responsibility for taxes, FICA, employee fringe benefits, workers' compensation, employee insurance, minimum wage requirements, overtime, etc., and agrees to indemnify, save and hold the MHTC, its officers, agents and employees harmless from and against any and all losses (including attorney fees) and damage of any kind related to such matter.

Indemnification

a. The Offeror shall defend, indemnify and hold harmless the Commission, including its members and department employees, from any claim or liability whether based on a claim for damages to real or personal property or to a person for any matter relating to or arising out of the Offeror's performance of its obligation under this Agreement.

IF NOT SUBMITTING A QUOTE, PLEASE COMPLETE AND RETURN THE FOLLOWING "NO QUOTE FORM" TO ASSIST THE PROCUREMENT STAFF IN OUR PROCESS EVALUATIONS.

THANK YOU

NO QUOTE

DATE: _____

TO: Missouri Department of Transportation – District 2
General Services (Procurement) Division
902 North Missouri Street P.O. Box 8
Macon, MO. 63552
(660)-385-1707 – fax #

FROM: _____ (Company Name)

_____ (Mailing Address)

_____ (City, State, Zip Code)

_____ (Office Phone #)

_____ (Cellular Phone #)

_____ (Fax #)

Our company is submitting "NO QUOTE" on RFQ # _____ for the reason(s) indicated below:

( ) Product or service is not available or cannot meet the required specifications

( ) Other obligations – cannot make required deadline

( ) The delivery point or work location is outside of our territory or coverage/service area

( ) Other – Please explain below:

_____

_____

Contact Person: _____ Email Address: _____

( ) Please keep our name on the bidder's list for future opportunities on this product or service.
( ) Please remove our name from your bidder's list for this product or service.

FAILURE TO RETURN A QUOTE OR THIS FORM MAY RESULT IN REMOVAL FROM OUR VENDOR DATABASE FOR FUTURE OPPORTUNITIES

DIAMOND SAW BLADES MGS-90-01H

1.0 DESCRIPTION. This specification covers professional grade segmented diamond saw blades of various diameters to fit concrete saws.

2.0 MATERIALS.

2.1 General. Diamond saw blades shall be of the type designated in the bid request, designed for use in cutting, sawing, or grooving the following pavements. In addition to normal manufacturing labeling, all blades shall be mechanically stamped or engraved with the year manufactured, country of origin including "USA" or "United States of America" when manufactured in the U.S.A., and color coded for type of blade as noted.

2.1.1 Type I. Type I shall be for use in steel reinforced Portland cement concrete containing limestone aggregate and color-coded white.

2.1.2 Type II. Type II shall be for use in steel reinforced Portland cement concrete containing siliceous gravel aggregate and color-coded blue.

2.1.3 Type III. Type III shall be for use in asphalt pavement and color-coded black.

2.2 Blade Blank (Core). The blades shall be slotted, heat treated and tensioned, new and unused steel, and run true when used in accordance with the manufacturer's recommendation for operating rpm. The blades shall be of a quality that will resist warping, bending, splitting or cracking. The blades shall have the standard arbor and drive pinholes as required for the specified blade diameter.

2.3 Blade Segments.

2.3.1 The total diamond bearing segment length shall be a minimum of 85 percent of the finished blade circumference. The individual diamond segments shall be permanently secured or bonded to the blade core by laser welding or silver soldering. The design of the blade and segment shall be such as to permit complete wearing and full use of the diamond concentrations forming the cutting edges, with slots for flushing material cuttings.

2.3.1.1 The diamond bearing segments without the mounting backer, if used, shall have a width of 0.187 ± 0.015 inches or 0.325 ± 0.015 inches or 0.375 ± 0.015 inches as specified in the bid request and a minimum depth of 0.375 inch.

2.3.1.2 The segment's matrix hardness shall be the manufacturer's standard metallurgical bond for the type of blade specified. The matrix shall be designed for the proper cutting ability for the blade type specified. This design information (type of aggregate, etc.) will be furnished upon request after the bid award but prior to delivery to the designated shipping locations.

2.3.2 Segment diamonds shall be 100% virgin synthetic diamonds certified to a minimum quality grade of General Electric MBS 950 Series. The segment diamonds shall be within the 30-40 and 40-50 mesh size of ANSI code B74.16 with no more than 8% retained on the 30 and no more than 8% passing the 50.

2.3.2.1 The recoverable diamond concentration in the segments shall be a minimum of 42 %, based on the standard of 72 carats per cubic inch of diamond bearing volume as equaling 100%

concentration. The diamonds shall be distributed uniformly throughout the depth and length of each segment to provide uniform wear for the life of the blade.

3.0 TESTING. Two blades will be selected at random of each size and type ordered and tested for compliance with this specification and in accordance with the following methods. The blades selected for testing will be returned to the supplier for repair or replacement at no additional cost.

3.1 Diamond Size. The diamonds removed will be sieved to determine conformance with the size requirements.

3.2 Diamond Content. The bond will be dissolved and the diamonds will be weighed to determine compliance with the recoverable diamond concentration requirements.

3.3 Segment Dimensions. The segments will be measured for compliance with the segment length, width and depth requirements.

4.0 ACCEPTANCE.

4.1 The supplier shall furnish to the engineer a manufacturer's certification for each shipment showing specific test results complying with the material and quality requirements of these specifications for each type of blade being furnished.

4.2 Acceptance of the blades will be based on a satisfactory manufacturer's certification and tests performed by the engineer.

4.3 If any of the requirements and/or specifications are not met, all blades covered by the purchase order will be subject to rejection.

5.0 PACKAGING AND MARKING. Unless otherwise stated, normal commercial packaging and packing will be acceptable. All packing shall be adequate to protect contents from damage. Shipping containers shall be marked to show contents, name of vendor, agency, and purchase order number, and the country of origin including "USA" or "United States of America" when manufactured in the U.S.A.

6.0 DELIVERY. Failure to comply with quoted delivery schedule may result in cancellation of order or forfeiture of a performance bond.

7.0 WARRANTY. The supplier agrees to replace or repair any blades free of any charge if the laser weld bond fails between the segment and the core during the useful life of the blade, or if the silver solder bond fails between the segment and the core within the first .050 inches of segment wear, depending on which type of blade is furnished. The supplier agrees to replace any blade that cracks or warps as a result of material defects during the initial 25% of the blade life.

7.1 This warranty is not intended to cover abuse to or misapplication of the blade.

8.0 ORDERING.

8.1 Blades are to be ordered by type, inches of diameter and width of blade.

8.2 The blades require inspection and acceptance by Materials at destination, prior to use.