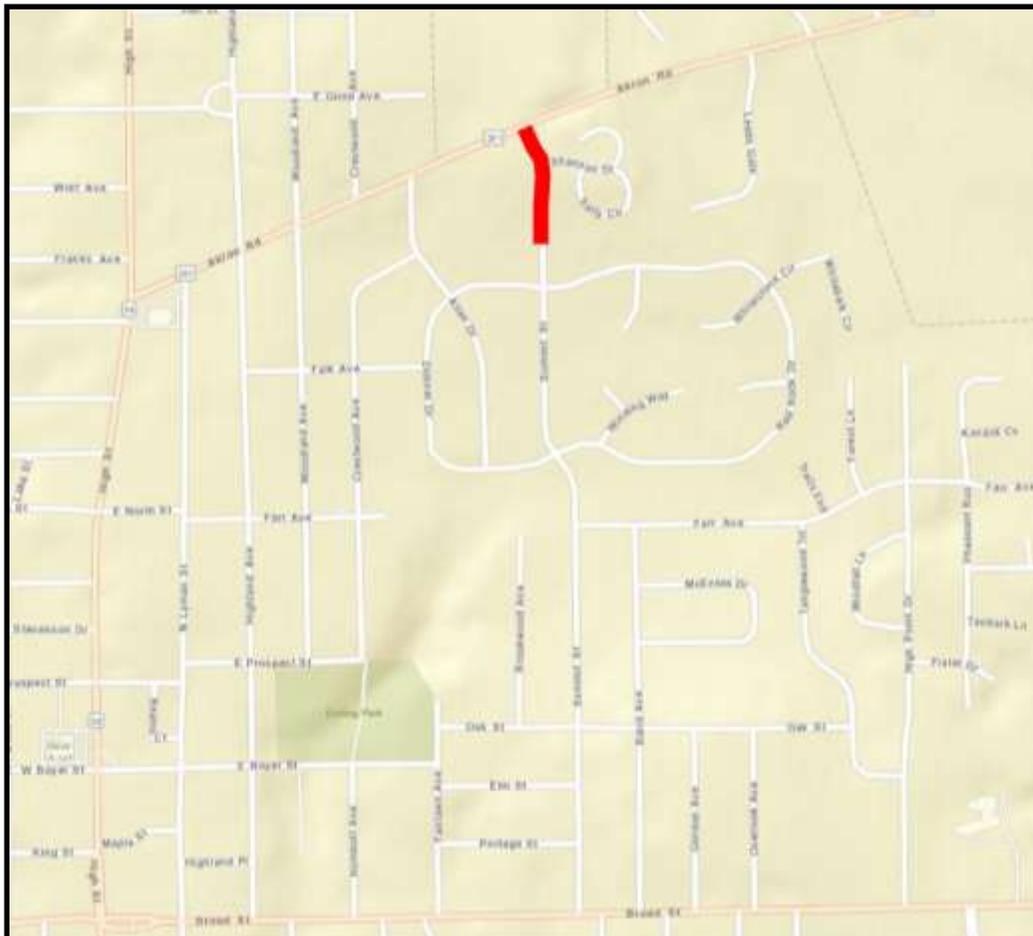




# REQUEST FOR QUOTES for

## City of Wadsworth, Ohio 2020 Concrete Diamond Grinding

May 2020



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## City of Wadsworth 2020 Concrete Diamond Grinding

### PROJECT SUMMARY:

This project consists of diamond grinding PCC pavement longitudinally to substantially eliminate joint and crack faulting and to restore proper riding characteristics to the pavement surface.

### PROJECT LOCATION:

This project is located along Summit St. from Akron Rd. (SR 261) to approximately 150 ft north of Red Rock Dr., in the City of Wadsworth, Ohio.

### QUOTATION SUBMISSION:

Quotations are due by e-mail (vmccauley@wadsworthcity.org) or by mail. No hand delivered quotes will be accepted due to the uncertainty surrounding the COVID-19 pandemic. If mailed, the quotation shall be enclosed in a sealed opaque envelope bearing the name of the Quoter and marked "QUOTATION – 2020 CONCRETE DIAMOND GRINDING." Quotations are to be addressed to Wadsworth City Engineering City of Wadsworth, City Hall, 120 Maple Street, Wadsworth, Ohio 44281 and must arrive by the deadline indicated below. If emailed, please include "QUOTATION – 2020 CONCRETE DIAMOND GRINDING" in the subject heading. Please direct all general inquiries to Len Blankenship, Engineering Project Manager at lblankenship@wadsworthcity.org. Quotations must be received no later than **Tuesday, June 16, 2020 at 1:00 P.M.**

### GENERAL:

Approximately 825 LF of roadway is in need of the concrete diamond grinding. The entire area of that portion of roadway, from curb to curb, is approximately 3,025 SY. The actual area for grinding is estimated at 2,200 SY. For quoting purposes, 2,600 SY will be included in the Bid Form. The City will pay for the actual area of grinding.

The Contractor shall furnish all labor, components, materials, tools, and appurtenances necessary for the performance and completion of the contract.

Award of the contract will be determined through an evaluation of quotes and in the best interest of the City.

The Contractor will be held fully liable for any damages incurred that are caused by his or her negligence.

### INSPECTION HOURS:

An inspector from the City may be required on the job. Normal working hours are from 7:30 a.m. to 4:30 p.m. In the event that an inspector is needed beyond the hour of 5:30 p.m. or on Saturday or Sunday, the Contractor shall notify the City 48 hours in advance to authorize the work and the inspection.

In the event that an inspector is needed for work that is due to the Contractor's negligence or poor workmanship, or that is beyond the time of completion of the project, the Contractor will be billed for and shall pay for the inspector's hours.

CITY ENGINEER:

Except as otherwise provided in this agreement the City Engineer, under the direction of the Director of Public Service, shall act as the City's representative in regard to this contract. The City Engineer shall in all cases determine the amount, quality, acceptability and fitness of the work and materials which are to be paid for under this contract. The City Engineer shall determine all questions in relation to said work and the performance thereof and decide every question which may arise regarding the fulfillment of this contract on the part of the Contractor. The City Engineer shall provide the Contractor with construction documents from which the work is to be built.

The order of sequence of execution of the work, the methods of construction, and the general conduct of the work shall at all times be determined by the Contractor, subject to the approval of the City Engineer. If, at any time before the commencement or during the progress of the work or any part of it, such methods, features and appliances used or to be used appear to the City Engineer to be unsafe, insufficient or improper, the City Engineer may order the Contractor to increase their safety or efficiency or to improve their character and the Contractor shall conform to such order. The failure of the City Engineer to demand any such increase of safety, efficiency, adequacy or improvement shall not release the Contractor from its obligation to secure the safe conduct and quality of the work specified. The City shall not be liable for failure to issue an order pursuant to this paragraph.

If defective work is suspected and the City Engineer so requires, the Contractor shall uncover, take down, or make openings in the finished work for the purpose of examination at such points as the City Engineer designates.

If, at any time before the final acceptance of the work, any materials or workmanship shall be discovered which does not comply with the specifications and contract drawings, it shall be immediately removed or otherwise remedied by the Contractor as the City Engineer directs when the Contractor is notified in writing by the City Engineer to do so.

If the City finds it to be necessary and proper to do so, the City may designate an engineer or engineering firm other than the City Engineer to perform the functions assigned to the City Engineer under the terms of this contract. When the Contractor is notified by the City in writing of such designation, the engineer or engineering firm so designated shall perform the functions and exercise the power assigned to the City Engineer pursuant to this contract.

CITY RIGHTS:

- A. The City reserves the right to stop the work when in the City's judgment the Contractor's work or activities are threatening the health and safety of the public or endangering the environment or endangering the waters of the State. Work shall not proceed until a satisfactory resolution has been achieved, according to the City.

- B. No Contractor or Subcontractor will perform any work not specifically identified in the work schedule unless approved by the City.

EMERGENCY RESPONSE:

The Contractor shall provide direct contact information to the City. These numbers are intended for the City's use in contacting the evening/weekend/holiday emergency work crew for emergencies resulting from the Contractor's actions or lack thereof during this project. This crew shall be responsible for contacting the City within one-half hour after the first verbal and electronic notification. If the Contractor's crew has not responded to the site of the emergency within one hour of the first contact, verbal and electronic, the City will make all necessary repairs and bill the Contractor for all work performed. Costs related to the emergency response will be incidental to the contract and not measured for payment.

DECREASE/INCREASE IN SERVICE AND STOP WORK DUE TO INCLEMENT WEATHER:

The City, at its option, may increase or decrease any or all bid items or service requirements provided for under this contract. The City further reserves the right to suspend or stop the performance of any or all of the work of this contract due to inclement weather conditions.

PRE-CONSTRUCTION MEETING:

Following award of the contract and before starting any work the Contractor, Job Superintendent/Project Manager, and Crew Leader shall meet with the City. The Contractor will be notified of the date, time, and place of the meeting.

MOBILIZATION:

The cost of mobilization shall be incidental to the contract and not measured for payment. The cost of all items related to mobilization shall not be paid separately, but shall be included in the other price items in the contract.

MAINTENANCE OF TRAFFIC:

- A. The cost of maintenance of traffic shall be incidental to the contract and not measured for payment. The cost of all traffic control devices shall not be paid separately, but shall be included in the other price items in the contract.
- B. The Contractor shall be responsible for maintaining "local" traffic at all times and for notifying the proper authorities regarding the closing of the roads. The Contractor will be responsible for obtaining all permits required for maintenance of traffic.
- C. The Contractor shall maintain traffic in accordance with the current Ohio Manual of Uniform Traffic Control Devices (OMUTCD) and standard practices stated therein or as specifically indicated in these documents, if more stringent. The contractor shall supply and maintain adequate signs, barricades, lights, arrows, flaggers, etc, as necessary to comply with the OMUTCD.
- D. No construction signs shall be placed on existing poles or posts.

- E. The Contractor shall maintain local traffic at all times during all phases of this project in a manner causing the least amount of inconvenience to the abutting property owners. Temporary driveways, temporary roadways, or run around as may be necessary to provide vehicular access to and from the abutting properties shall be constructed, maintained, and subsequently removed by the Contractor as directed by the City.
- F. The use of at least 2 flaggers is required when controlling bidirectional traffic regardless of traffic volume.
- G. If the project requires a moving operation (for example: grinding, milling, painting, paving, etc.), OMUTCD Figure TA-10 or ODOT Standard Construction Drawing MT-97.11 shall be followed.
- H. All lane closure shall be held to a minimum distance. Several small work zones close together shall be combined into one work zone if possible. Lane closures shall be held to a maximum distance of 1000' unless approved by the Engineer. If the contractor has multiple lane closures, there must be at least 500' between them.
- I. The Contractor will be required to provide the necessary traffic control to comply with the Ohio Manual of Uniform Traffic Control devices. Temporary traffic control shall be provided, consisting of signs, barricades, warning lights, flaggers, and any other devices required to safely alert and guide motorists through the construction area. Temporary traffic control devices must be installed by the Contractor prior to the start of any work, and must be maintained for the period of time that roadway restrictions apply. When such control devices are no longer applicable, they shall be covered or removed from the work area.
- J. The Contractor will be responsible for routine maintenance, and for checking all barricades, lights, signs, and other traffic control devices before leaving the project at the end of each day, and must provide the City with the name and phone number of a person to contact during evening and weekend hours in the event that problems with the traffic control devices are encountered.
- K. If at any time traffic has to be blocked (emergencies only), the Contractor shall notify the City as well as specific departments such as the fire, police departments and service departments.
- L. The portion of the pavement not affected by the work shall be kept clear of all material and equipment.
- M. If, in the opinion of the City, the Contractor refuses to provide proper traffic control, maintenance of control devices, dust control, or keep the adjacent roadways clean, the City may take the necessary steps to correct such conditions, the cost of which will be deducted from the contract amount.

USE OF PREMISES:

- A. The Contractor shall not trespass upon or in any way disturb private property without first obtaining written permission from the property owner and/or City or Prime Contractor as appropriate to do so. A copy of such written permission shall be furnished to the City prior to accessing the site.

- B. If the Contractor finds it necessary to obtain additional working area, it shall be the Contractor's responsibility for its acquisition.
- C. The Contractor shall, at no additional expense, restore such property to the original condition in the sole and unfettered opinion of the City. The Contractor must take photographs and/or videos of existing properties prior to disturbance of each property, and make a copy available to the City.

PHOTOGRAPHY, TRAIL CAMERAS, AND WEB-CAMERAS:

The Contractor's work may be photographed and videoed during construction.

CLEANUP:

The Contractor shall maintain daily clean-up of the grindings and slurry.

The Contractor shall keep the work area in an uncluttered condition by the frequent removal of debris. The Contractor shall remove all debris and unused material and leave the area in a condition similar to the condition of the area before any work was performed.

ACCESS TO MUNICIPAL WATER SUPPLIES:

All water used on the project may be furnished by the City at the city water treatment plant, free of charge, but subject to the needs of the City and its control. All apparatuses and vehicles filling off the water treatment plant's bulk water line shall have an air gap as approved by the City. Fire hydrants shall not be used as a source of water.

PROTECTION OF CATCH BASINS, INLETS AND WATERWAYS:

The Contractor must properly protect all catch basins, inlets, and waterways from the slurry and grindings. No slurry, grindings, or construction debris or residuals shall enter the storm system at any time. Proposed protection plan must be submitted and approved by the City prior to the work commencing. If the measures do not adequately protect the system, the Contractor shall remedy the issue immediately.

The cost of this work shall be incidental to the contract and not measured for payment. The cost of all measure shall not be paid separately, but shall be included in the other price items in the contract.

SLURRY HANDLING AND REMOVAL:

The Contractor shall maintain daily clean-up of the grindings and slurry.

The contractor shall remove and dispose of all residues from the pavement surface in a manner and at a location that satisfies environmental regulations. The diamond grinding machine shall be equipped with a well maintained vacuum system that is capable of removing all standing slurry, leaving the roadway in a damp condition after the grinder passes. Residue shall not be permitted to encroach into open lanes or enter into closed drainage systems. All catch basins

shall be covered with filter fabric. Slurry handling requirements should be defined in the contract documents. (The International Grooving and Grinding Association Best Management Practices for slurry handling should be used in defining the proper operation for each project). All residues shall be disposed of by the contractor. The cost of this item shall be incidental to the contract and not measured for payment. The cost of all labor, equipment and disposal related to this item shall not be paid separately, but shall be included in the other price items in the contract.

Prior to beginning the work, the contractor shall discuss the proposed operations with the City. The City may require a change of operations to ensure all grindings and slurry are at all times contained.

**STATE COMPENSATION AND INSURANCE:**

The Contractor shall be required to furnish certificate showing that he has complied with the Ohio Workers' Compensation Act and shall relieve the City from any and all costs and expenses which may be due to accidents or other liabilities mentioned in said Act.

- A. Workers' Compensation Insurance: The Contractor shall procure and shall maintain during the life of this contract Workers' Compensation Insurance for all his employees to be engaged in work on the project under this contract and, in case any such work is sublet, the Contractor shall require the subcontractor similarly to provide Workers' Compensation Insurance for all of the latter's employees to be engaged in such work unless such employees are covered by the protection afforded by the Contractor's Workers' Compensation Insurance.
- B. Proof of Carriage of Insurance: The Contractor shall furnish the City with satisfactory proof of carriage of the insurance required. Three copies of each are required.
- C. Public Liability and Property Damage Insurance, Contingent Public Liability and Contingent Property Damage Insurance: The Contractor shall take out and maintain during the life of the contract, such Public Liability (Contractor's Public Liability), Contingent Public Liability (Contractor's Property Damage) Insurance, and Contingent Property Damage (Contractor's Protective Property Damage) Insurance as shall protect him and any subcontractor performing work covered by this contract from claims for damages for personal injury including accidental death as well as claims for property damages which may arise from operations under this contract, whether such operations be by himself or by any subcontractor or by anyone directly or indirectly employed by either of them. The Contractor shall maintain coverage of the types and in the amounts herein below specified for all work sublet, either by furnishing riders to his own Public Liability and Property Damage Insurance Policies or by requiring the subcontractor concerned to furnish their own Public Liability and Property Damage coverage in the amounts herein below specified. The amounts of such insurance shall be as follows:

Public Liability and Contingent Public Liability Insurance in an amount not less than \$1,000,000 for injuries, including accidental death, to any one (1) person, and subject to the same limit for each person in an amount not less than \$1,000,000 on account of each accident.

Direct and Contingent Property Damage Insurance in an amount not less than \$1,000,000 for each occurrence.

Insurance covering the Contractor and subcontractors may be accepted by the City in amounts less than those herein above specified, provided that the following conditions shall be fulfilled:

1. The Contractor shall furnish evidence satisfactory to the City that the insurance coverage offered is adequate for the risk involved.
2. The Contractor shall give to the City a money credit equal in amount to the difference between premium on insurance in the amounts herein above specified and the premium on the insurance offered.

Insurance, to be acceptable, must not be subject to change or cancellation in less than ten (10) days after receipt of notice by the insured and by the City. Prior to the start of construction on each contract or subcontract, sufficient documentary evidence to establish full compliance with these insurance requirements shall be submitted to the City. If any part of the contract is sublet, the Contractor is responsible for the part sublet being adequately covered by insurance herein above mentioned.

#### INDEMNIFICATION:

The Contractor agrees to indemnify and to hold City harmless and immune from any and all claims for injury or damages arising from this agreement which are attributable to Contractor's own actions or omissions or those of its officers, agents, employees, subcontractors, suppliers or third parties utilized by Contractor while acting under this agreement. Such claims shall include all claims for bodily injury, personal injury and property damage that may arise from Contractor's and its subcontractor's operations in performance of the work and any claims made under the Fair Labor Standards Act or under any other federal or state law involving wages, overtime or employment matters and any claims involving patents, copyrights and trademarks.

#### WITHOLDING CITY INCOME TAXES:

The Contractor hereby further agrees to withhold all City of Wadsworth income taxes due or payable under the provisions of the Title Eight of Part One of the Codified Ordinances of the City of Wadsworth, Ohio, for wages, salaries, and commissions paid to its employees and further agrees that any of its subcontractors shall be required to agree to withhold any such City of Wadsworth income taxes due under said Title for services performed under this contract.

#### PAYMENT OF WITHHELD FUNDS

A retainage of 8% for the first 50% of the original contract amount may be withheld at the City's discretion.

At the Contractor's option, if the City withholds retainage, the Contractor may request that the City deposit the retainage into an escrow account. The City's deposit of retainage into an escrow account is subject to the following conditions:

- a. The Contractor shall bear all expenses of establishing and maintaining an escrow account and escrow agreement acceptable to the City.
- b. The Contractor shall deposit to and maintain in such escrow only those securities or bank certificates of deposit as are acceptable to the City and having a value not less than the retainage that would otherwise be withheld from partial payment.
- c. The Contractor shall enter into an escrow agreement satisfactory to the City.
- d. The Contractor shall obtain the written consent of the surety to such agreement.
- e. The Contractor must advise the City of their desire for retainage to be held in escrow prior to submission of the first invoice for payment.

#### TIME OF COMPLETION:

The Contractor shall complete all work activities as defined in this RFQ by September 25, 2020.

The CONTRACTOR shall make every possible effort to perform work in a continuous manner at the project site. Abandoning the site and re-mobilizing at a later date for one task order will not be permitted without permission from the City.

#### PRE AND POST INTERNATIONAL ROUGHNESS INDEX GRAPH:

Before and after International Roughness Index (IRI) graphs/reports shall be submitted to the City within 2 weeks after completion of the work. This shall be incidental with no separate pay item for this work.

#### SCOPE OF SERVICES AND WORK PHASING:

##### ITEM 257 DIAMOND GRINDING PORTLAND CEMENT CONCRETE PAVEMENT

257.01 Description. This work consists of diamond grinding PCC pavement longitudinally to substantially eliminate joint and crack faulting and to restore proper riding characteristics to the pavement surface.

257.02 Equipment. Provide grinding equipment that is a power driven, self-propelled machine that is specifically designed to smooth and texture PCC pavement with diamond blades or diamond impregnated cylinder rings. Mount the blades or cylinder rings on an arbor head. Provide a grinding head at least 3 feet wide. Ensure the equipment is capable of grinding the surface in the longitudinal direction without causing spalls or other damage at cracks, joints and other

locations. Ensure the equipment is capable of correcting the pavement profile and providing proper cross slope on the concrete pavement.

Provide equipment with an effective wheelbase of at least 12.0 feet; a set of pivoting tandem bogey wheels at the front of the machine and rear wheels that travel and track in the fresh cut pavement. Ensure the center of the grinding head is no further than 3.0 feet forward from the center of the back wheels. Ensure the equipment is of a shape and dimension that does not encroach on traffic movement outside of the work area.

257.03 Construction. The plans will designate the areas of pavement surfaces to be ground. Grinding of bridge decks, approach slabs, and roadway shoulders will not be required unless indicated on the plans or required to provide drainage. Perform grinding in a manner that eliminates crack or joint faults while providing positive lateral drainage by maintaining a constant cross-slope between grinding extremities in each lane.

Transition auxiliary or ramp lane grinding as required from the mainline edge to provide positive drainage and an acceptable riding surface. Ensure the operation results in pavement that conforms to the typical cross-section and the requirements specified for the final surface finish, however, it is the intention of this specification that the faulting at joints and cracks be eliminated and the overall riding characteristics be restored within the limits specified. To accomplish the smoothness required, grinding may not be required on 100 percent of the pavement surface. During initial grinding operations, use the profiler to test the pavement surface as soon as the concrete has been ground full lane width. This initial testing is to aid the Contractor in evaluating the grinding methods and equipment being used. Subsequent to the initial testing, run daily profiles of each day's grinding the next working day.

Remove all grinding residue. Remove solid residue before it is blown by traffic action or wind. Do not allow residue to flow across lanes used by the traveling public or into gutters or drainage facilities.

257.04 Final Surface Finish. Produce a pavement surface that is true to grade.

Provide the necessary traffic control and survey stationing for initial measurements or any subsequent measurements. Measure the entire length of pavement, event marking the profile runs such that the data can later be identified when the profile sensor(s) is within 1.0 foot of any bridge deck, pressure relief joint, approach slab, or pavement not included in the grinding area identified in the plans or established by the Engineer.

Ensure transverse joints and cracks are flush with adjacent surfaces. The Engineer will visually inspect transverse joints and cracks to ensure that adjacent surfaces are in the same plane. Adjacent sides of joints or cracks within 1/16 inch of each other will be considered flush. Ensure the transverse slope of the pavement is

uniform to a degree that no depressions or misalignments of slope greater 1/4 inch in 12 feet are present. Use a straightedge placed perpendicular to the centerline to measure depressions and misalignments. Straightedge requirements do not apply outside of area ground.

257.05 Method of Measurement. The City will measure diamond grinding by the number of square yards of pavement ground and accepted. The quantity of diamond grinding will be determined by multiplying the width by the total length of the actual diamond ground surface.

257.06 Basis of Payment. Payment is full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in grinding the existing surface, removing residue, cleaning the pavement, and testing with a profiler. The City will pay for accepted quantities at the contract price as follows: Item Unit Description 257 Square Yard Diamond Grinding Portland Cement Concrete Pavement.

**CONTRACT PRICE:**

The City shall pay the Contractor for completion of the work in accordance with the RFQ/Proposal Documents the estimated amount of \$\_\_\_\_\_ in accordance with the Bid Schedule as awarded by the City, as included in the Contract Documents, subject to additions and deductions by Change Order.

**Acceptance by Contractor**

Signature of Contractor \_\_\_\_\_

Title: \_\_\_\_\_

Company Name \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

This proposal/agreement is hereby reviewed and accepted by the Wadsworth City Engineer on this \_\_\_\_\_ day of \_\_\_\_\_, 2020 by:

\_\_\_\_\_  
Victoria McCauley, P.E.  
City Engineer

City Project No. \_\_\_\_\_  
Purchase Order No. \_\_\_\_\_

**Acceptance by City of Wadsworth**

This proposal is hereby accepted by the City of Wadsworth on this \_\_\_\_\_ day of \_\_\_\_\_, 2020 by:

\_\_\_\_\_  
Robert J. Patrick  
Director of Public Service

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**QUOTE FORM**  
**CITY OF WADSWORTH, MEDINA COUNTY, OHIO**  
**2020 CONCRETE DIAMOND GRINDING**

On each unit price estimated quantity item, the "ITEM BID AMOUNT" must equal "UNIT BID PRICE" multiplied by the "ESTIMATED QUANTITY". For example, if the quotation "UNIT BID PRICE" is \$5/Unit and the "ESTIMATED QUANTITY" is 1000 Units, the "ITEM BID AMOUNT" will be \$5,000.00. In case of discrepancy on unit bid price items, the "UNIT BID PRICE" multiplied by the "ESTIMATED QUANTITY" shall be considered as the intent of the Bidder. When the unit is a lump sum (LS), enter the lump sum amount under the "ITEM BID AMOUNT" only.

ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT BID PRICE		TOTAL BID PRICE	
				DOLLARS	CENTS	DOLLARS	CENTS
<b>PAYMENT ITEMS</b>							
1	DIAMOND GRINDING PORTLAND CEMENT CONCRETE PAVEMENT	SY	2,600				
2	General Allowance	LS	1			\$2,000	00
				<b>TOTAL QUOTE AMOUNT</b>			

**BIDDER:** \_\_\_\_\_ **TITLE:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

\_\_\_\_\_  
 (PRINTED NAME/SIGNATURE)

**E-MAIL ADDRESS:** \_\_\_\_\_

**PHONE NUMBER:** \_\_\_\_\_

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