

CITY OF WADSWORTH, OHIO
SPECIFICATIONS FOR STREET DEPARTMENT MATERIALS AND SERVICES

MATERIALS

M-1 - STONE

All stone or gravel proposed to be furnished shall conform to the specifications of the Ohio Department of Transportation for the various sizes and grades. Washed stone when bid shall be washed in clean water so as to remove dust and other objectionable foreign materials.

All prices are to be for stone in various sizes, loaded in trucks at the Quarry Site, or delivered to the City of Wadsworth. Should the successful bidder be unable, at any time, to furnish suitable material, the City reserves the right to obtain said material at whatever site said suitable material is available. The 67 sand mix shall be a mixture of 1 - #57 to 1 - mason sand.

M-2 - ASPHALT MATERIALS

All asphalt material proposed to be furnished shall meet the latest specifications as set forth by the Ohio Department of Transportation for the various grades and types of material as proposed.

The price bid shall be per gallon or ton delivered to 311 Broad Street, Wadsworth, Ohio, and also price at Plant to be picked up by City of Wadsworth. To be delivered as needed.

M-3 - STORM SEWER PIPE

All storm sewer pipe to be furnished shall conform to A.S.T.M. Specifications for the various sizes for Schedule 3034 PVC, and Corrugated HDPE smooth interior pipe. Also in this item shall be a bid for Stainless Steel Bands such as Fernco or equal.

All prices are to be for pipe loaded in City trucks or delivered to the City of Wadsworth/ Should the successful Bidder be unable, at any time, to furnish suitable material, the City reserves the right to obtain said material at whatever site said suitable material is available.

M-4 – TOPSOIL MATERIALS

Furnish double shredded and screened topsoil consisting of loose, friable, loamy material without admixture of subsoil or refuse. For topsoil to be considered loamy, ensure that the fraction passing the No. 10 (2.00 mm) sieve does not contain more than 40 percent clay.

Furnish double shredded and screened topsoil consisting of not less than 4 percent and not more than 20 percent organic matter as determined by loss on ignition of samples oven dried to constant weight at 212 ° F (100 ° C). Furnish topsoil that is free of grass, brush, and roots.

Price bid shall be given for pick up or delivered in TON.

CONCRETE

C-1 CLASS C CONCRETE

All concrete proposed to be furnished shall conform to the specifications of the Ohio Department of Transportation 2008 Construction and Material Specification Item 499 for Class C Concrete except as modified herein. Concrete shall reach a compressive strength of 4000 psi at 28 days using No. 57 limestone and a maximum water-cement ratio of 0.50%. No fly ash will be permitted in the mix.

The price bid shall be the delivered price per cubic yard to Wadsworth, Ohio and also a price bid per cubic yard to be picked up by the City of Wadsworth at your plant.

C-2 LOW STRENGTH MORTAR BACKFILL

The low strength mortar to be furnished for backfill material shall conform to the specifications of the Ohio Department of Transportation 2008 Construction and Material Specification Item 613 for Low Strength Mortar Backfill, Type 2. No fly ash will be permitted in the mix.

The price bid shall be the delivered price per cubic yard to Wadsworth, Ohio and also a price bid per cubic yard to be picked up by the City of Wadsworth at your plant.

C-3 MASONRY CEMENT

All cement shall be Type M for mortar conforming to Ohio Department of Transportation 2005 Construction and Material Specification 701.07 and ASTM Spec. C 91.

The price bid shall be the delivered price per 80 lb. bag to Wadsworth, Ohio and also a price bid per 80 lbs. bag to be picked up by the City of Wadsworth at your plant.

ICE

I-1 ICE MELT

All ice melt material proposed to be furnished shall meet the following conditions. Will not harm carpets, floors, concrete, grass, trees, shrubs, vegetation, or skin. Will melt below 0°F. Will not clump or harden. Supplier must furnish written statement confirming such from supplier or manufacturer. One material that is acceptable is Safe Step, manufactured by Vigoro. Active ingredients should be:

<u>Active Ingredients</u>	<u>CAS No.</u>
KCl	7447-40-7
NaCl	7647-14-5
NH ₂ CONH ₂	57-13-6
C ₇ O ₆ H ₁₄	97-30-3

The price bid shall be per pound delivered to 311 Broad Street, Wadsworth, Ohio in bags and in pails in less than pallet quantities and also in pallet load quantities.

I-2 CALCIUM CHLORIDE

The Calcium Chloride to be furnished shall be in liquid form and shall be a 32% solution. An accepted brand shall be Liquidow or equal.

The price bid shall be the delivered price per gallon to 311 Broad Street, Wadsworth, Ohio in 55 gallon drums, and also a price bid per gallon to be delivered to The City of Wadsworth in bulk tanker in quantities of 1000 gallon per delivery.

P-1 PAVEMENT CRACK FILLING MATERIAL

The crack filling sealant shall be a single component, hot-pour petroleum based pavement sealant formulated to meet all requirements of ASTM D1190 (Crafco 211 or equal). The second sealant shall exceed requirements of Modified AASHTO M173 having a Cone Penetration at 77F of 50-90 and a Resilience of 25%-60% equal to Crafco 34515.

The price bid shall be the delivered price per pound to 311 Broad Street, Wadsworth, Ohio on pallets.

E-1 EQUIPMENT RENTAL

Equipment shall be provided for use by, and direction of, the City of Wadsworth operation and maintenance forces. The equipment shall be provided in good working order and FOB owner's yard. Do not include insurance in the fee. The City will provide a copy of our liability coverage if necessary. Please provide the make and model of the equipment available, the daily, weekly and monthly rental rate, as well as the daily cost of rental with an operator, and the cost of pick-up/delivery. Owners may provide quotes on any or all equipment available. Attach a separate sheet with any qualifications of bid rates.

Payment will be the actual days, weeks or months actually where the City used or had control of the equipment per the rental agreement.

SERVICES

S-1 CONCRETE REPLACEMENT

The contractor shall provide all material, labor and equipment to remove and replace existing concrete pavement, aprons, sidewalks and handicap accessible ramps throughout the City in accordance with ODOT CMS 452 and 608. The work shall include proper traffic control per OMUTCD, removal of existing, excavation of up to 3" of unsuitable subgrade, hauling away all removed concrete and unsuitable subgrade, placement of up to 3" of ODOT 304 Aggregate Base, compaction of subgrade, forming, placement of anchor bolts @ 18" spacing, placement of expansion material, placement of ODOT Class C Concrete, floating and finishing concrete, placing truncated domes, application of concrete cure and seal, removing forms, repairing any seeded areas, removing of all debris, sweeping project area, and removing traffic control.

The contractor shall bid on both 6" and 8" concrete pavement replacement and 4" and 6" concrete sidewalk replacement. In addition, the contractor shall bid on replacement of 6" ODOT 609 Type 2A Integral Concrete Curb for use where concrete pavement sections that need replaced have integral curb.

Existing handicap accessible curb ramps shall be removed as part of the sidewalk or pavement removal and demolition process. The replacement may require some additional sawing of the existing curb and excavation to accommodate the proper dimensions of the new handicap accessible curb ramp standard. The new standard also requires the placement of a minimum 2 each - 24" x 24" cast iron truncated

dome sections. This additional work shall be included in the unit square foot cost of handicap accessible curb ramps replaced.

Any unsuitable subgrade beyond 3" inches will be excavated to a suitable depth as directed by the City, and filled with compacted ODOT 304 Aggregate Base.

Payment will be made for the actual square feet of concrete pavement, apron, sidewalk, or handicap accessible curb ramps replaced, or the actual linear feet of concrete curb, as measured in the field. Cost of the excavation of unsuitable subgrade will be included in the cost of the additional ODOT 304 and payment will be made for the actual calculated Tons compacted in place beyond the 3" included in the base bid.

S-1 SEEDING & MULCHING

The contractor shall provide all material, labor and equipment to replace existing lawn where earthwork or utilities repairs have been made. The contractors work shall be in accordance with Ohio Department of Transportation 2005 Construction and Material Specification Item 659 Seeding and Mulching.

In addition, the contractor may also provide a bid for the placement of double shredded topsoil supplied by the City to an average depth of 2" over the entire repair area.

Payment will be based on the actual square yards of seeding and mulching as measured in the field, or the actual tons of topsoil delivered and placed as totaled by the delivery tickets.

ST-1 STORM AND SANITARY SEWER TELEVISION

The contractor shall provide all labor and materials to televise various sizes of storm sewer and sanitary sewer in the City of Wadsworth. Prices will include a full report and DVD record of all footage televised. All work shall include traffic control needed to comply with the ODOT traffic control manual. Prices to include all transportation costs, fuel surcharges, lodging costs, or extra charges billed on a per hour rate that includes the televising as stated above. Payment will be based on an hourly rate beginning at said Wadsworth office and ending at the same office and will be approved prior to billing. Records and CD'S must be delivered to the City Of Wadsworth within 2 weeks of completion of said work. All successful contractors must be fully insured and have several references that can be furnished upon request. The City of Wadsworth will provide an inspector to help locate the work and instruct contractor of all work necessary for each day worked. All minimum hours per day must be stated on said bid.

CITY OF WADSWORTH
PROPOSAL FOR STREET DEPARTMENT MATERIALS
DELIVERED PRICES MUST INCLUDE ALL FUEL AND FREIGHT CHARGES

M-1 LIMESTONE

<u>Size</u>	<u>Quantity</u>	Price per Ton at Quarry	Total
1 or 2	1200 Ton	_____	_____
57	1200 Ton	_____	_____
4	1200 Ton	_____	_____
6	1200 Ton	_____	_____
8	1200 Ton	_____	_____
9	1000 Ton(washed)	_____	_____
B-19 (304)	1200 Ton	_____	_____
411	1200 Ton	_____	_____

M-1 LIMESTONE

<u>Size</u>	<u>Quantity</u>	Price per Ton Wadsworth, Ohio	Total
1 or 2	1200 Ton	_____	_____
57	1200 Ton	_____	_____
4	1200 Ton	_____	_____
6	1200 Ton	_____	_____
8	1200 Ton	_____	_____
9	1000 Ton (washed)	_____	_____
B-19 (304)	1200 Ton	_____	_____
411	1200 Ton	_____	_____

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M-1 GRAVEL

<u>Size</u>	<u>Quantity</u>	Washed Price per Ton at Quarry	Total
1 or 2	500 Ton	_____	_____
57	500 Ton	_____	_____
6	500 Ton	_____	_____
8	500 Ton	_____	_____
67 Sand Mix	1200 Ton	_____	_____
304	1200 Ton	_____	_____
617	1200 Ton	_____	_____

M-1 GRAVEL

<u>Size</u>	<u>Quantity</u>	Washed Price per Ton Wadsworth, Ohio	Total
1 or 2	500 Ton	_____	_____
57	500 Ton	_____	_____
6	500 Ton	_____	_____
8	500 Ton	_____	_____
67 Sand Mix	1200 Ton	_____	_____
304	1200 Ton	_____	_____
617	1200 Ton	_____	_____

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M-2 ASPHALT MATERIALS

Price per Gallon at Asphalt Plant

Asphalt Bituminous Material
in 1,000 Gallon Shipments

1,000 Gallon MWS 90-150-300

1,000 Gallon SS-1

1,000 Gallon MC-3000

M-2 ASPHALT MATERIALS

Price per Ton del to
311 Broad Street Wads, OH

Price per Ton
at Asphalt Plant

(A) All Limestone Aggregate

500 Ton 402

500 Ton 404

500 Ton 412

(#9 Stone)

500 Ton HPM Cold Mix

(B) All Gravel Aggregate

300 Ton 402

300 Ton 404

300 Ton 412

(#9 Stone)

300 Ton HPM Cold Mix

(C) 15% Recycled Material

300 Ton 402

300 Ton 404

300 Ton 412

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M-3 STORM SEWER PIPE
HDPE CORRUGATED - SMOOTH INTERIOR HI-Q OR EQUAL

	Price per Foot Wadsworth, Ohio	Price per Foot at Your Plant
500 Lineal Feet 8"	_____	_____
500 Lineal Feet 10"	_____	_____
500 Lineal Feet 12"	_____	_____
500 Lineal Feet 15"	_____	_____
500 Lineal Feet 18"	_____	_____
500 Lineal Feet 21"	_____	_____
500 Lineal Feet 24"	_____	_____
500 Lineal Feet 30"	_____	_____
500 Lineal Feet 36"	_____	_____

HDPE CORRUGATED BANDS FOR HI-Q OR EQUAL

	Price per Foot Wadsworth, Ohio	Price per Foot at Your Plant
35 Each 8"	_____	_____
35 Each 10"	_____	_____
35 Each 12"	_____	_____
35 Each 15"	_____	_____
35 Each 18"	_____	_____
35 Each 21"	_____	_____
35 Each 24"	_____	_____
35 Each 30"	_____	_____
35 Each 36"	_____	_____

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M-3 STORM SEWER PIPE

	Price per Foot Wadsworth, Ohio	Price per Foot at Your Plant
500 L.F. 4"Schedule 30304 PVC _____		_____
500 L.F. 6" Schedule 3034 PVC _____		_____
500 L.F. 8" Schedule 3034 PVC _____		_____
500 L.F. 10" Schedule 3034 PVC _____		_____
500 L.F. 12" Schedule 3034 PVC _____		_____
200 L.F. 15" Schedule 3034 PVC _____		_____
200 L.F. 18" Schedule 3034 PVC _____		_____
200 L.F. 21" Schedule 3034 PVC _____		_____
200 L.F. 24" Schedule 3034 PVC _____		_____

**M-3 STAINLESS STEEL BANDS - FERNCO OR EQUAL
BANDS FOR CLAY TO CAST IRON PIPE**

	Price per Band Wadsworth, Ohio	Price per Band at Your Plant
20 each 4" _____	_____	_____
20 each 6" _____	_____	_____
20 each 8" _____	_____	_____
20 each 10" _____	_____	_____
20 each 12" _____	_____	_____

20 each 15"	_____	_____
10 each 18"	_____	_____
10 each 21"	_____	_____
10 each 24"	_____	_____

M-4 **TOPSOIL MATERIALS**

	Price Delivered to Wadsworth	Price Picked up at Yard
Topsoil double shredded and screened, consisting of loose, friable, loamy material without admixture of subsoil or refuse. (Considering that the topsoil be loamy, and the fraction passing the No. 10 (2.00 mm) sieve does not contain more than 40 percent clay.	Price per _____ TON	Price per _____ TON
Topsoil consisting of not less than 4 percent and not more than 20 percent organic matter as determined by loss on ignition of samples oven dried to constant weight at 212 ° F (100 ° C). Furnish topsoil free of grass, brush, roots	 _____ TON	 _____ TON

	Price per C.Y. Delivered to Wadsworth, Ohio	Price per C.Y. at Your Plant
C-1 <u>CLASS C CONCRETE</u>		
700 c.y.	_____	_____
C-2 <u>LOW STRENGTH MORTAR BACKFILL</u>		
300 c.y.	_____	_____

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C-4	<u>MASONRY CEMENT</u>	Price per Bag Delivered to Wadsworth, Ohio	Price per Bag at Your Plant
	500 - 80 lb. Bag Each	_____	_____
	500 - 80 lb. Bag on 40 Bag Pallets Each	_____	_____
I-1	<u>ICE MELT</u> 250 - 50# Bags (Less than Pallet Quantity)	Price Per Pound Delivered to Wadsworth	

	500 - 50# Bags on Pallets	_____	
	300 - 40# Pails (Less than Pallet Quantity)	_____	
	500 - 40# Pails on Pallets	_____	
		Price per Gallon Delivered to Wadsworth, Ohio	Price per Gallon at Your Plant
P-2	<u>CALCIUM CHLORIDE</u> 3000 Gallon	_____	_____
P-1	<u>PAVEMENT CRACK FILLING MATERIAL</u>		Price per pound
	40,000 Lbs. (Delivered on Pallets) ASTM D1190		_____
	40,000 Lbs. (Delivered on Pallets) AASHTO M173		_____

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E-1 EQUIPMENT RENTAL

Equipment Make/Model	Daily Rate	Weekly Rate	Monthly Rate	Daily Rate w/operator	Pick-up/ Delivery
Dozer					
_____	_____	_____	_____	_____	_____
Hydraulic Excavator					
_____	_____	_____	_____	_____	_____
Back Hoe					
_____	_____	_____	_____	_____	_____
Skid Steer					
_____	_____	_____	_____	_____	_____
Front End Loader					
_____	_____	_____	_____	_____	_____
Dump Truck					
_____	_____	_____	_____	_____	_____

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S-1 CONCRETE REPLACEMENT

	Minimum Qty/Job	Cost Bid /Unit	Average Qty/Job	Cost Bid /Unit
6" ODOT 452 Concrete Pavement Replacement	100 SF	_____	1000 SF	_____
8" ODOT 452 Concrete Pavement Replacement	100 SF	_____	1000 SF	_____
4" ODOT 608 Concrete Sidewalk Replacement	40 SF	_____	400 SF	_____
6" ODOT 608 Concrete Sidewalk Replacement.	40 SF	_____	400 SF	_____
6" ODOT 609 Type 2A Integral Concrete Curb Replacement	10 LF	_____	100 LF	_____
6" ODOT 608 Handicap Accessible Curb Ramp Replacement	30 SF	_____	300 SF	_____
ODOT 304 Aggregate Base	4 Tons	_____	40 Tons	_____

S-1 SEEDING & MULCHING

	Minimum Quantity /Unit	Bid Cost /Unit
ODOT 659, Seeding and Mulching	400 SF	_____
Placement of Double Graded and Screened Topsoil	5 Tons	_____

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ST-1 STORM AND SANITARY SEWER TELEVISIONING

	Minimum Hours /Trip	Cost Bid / Hour
Televisioning various sizes of Storm and Sanitary Sewers	8 Hours	_____

The signer of this Proposal as Bidder declares that he has carefully examined this advertisement and specifications herein contained and he proposes and agrees that if this Proposal is accepted, he will Contract with the City of Wadsworth, Ohio, to furnish and deliver the material bid in accordance with the advertisement and specifications as set forth herein.

Signature of Bidder

By _____
Name Title

Business Address of Bidder _____

Dated at _____ this _____ day of _____, 2009

NOTE: This Proposal sheet must be signed by the Bidder. If firm or corporation, name, followed by the name of person authorized to sign said bid, stating his title or position with the firm or corporation; if partnership, sign partnership name by one of partners.

Phone Number _____

Fax Number _____