

KASSON

- ii. A persistent and knowing violation of the Michigan Consumer Protection Act.
- iii. Willful or persistent violations of the Michigan Occupational Health and Safety Act.
- iv. A violation of federal, local, or state civil rights, equal rights, or non-discrimination laws, rules, or regulations.
- v. Repeated or flagrant violations of laws related to the payment of wages and fringe benefits.

(f) the loss of a license or the right to do business or practice a profession, the loss or suspension of which indicates dishonesty, a lack of integrity, or a failure or refusal to perform in accordance with the ethical standards of the business or profession in question.

Bidder understands that the City reserves the right to accept any or all bids in whole or part and to waive irregularities in any bid in the best interest of the City. The bid will be evaluated and awarded on the basis of the best value to the City. The criteria used by the City may include, but will not be limited to: ability, qualifications, timeframe, experience, price, type and amount of equipment, accessories, options, insurance, permits, licenses, other pertinent factors and overall capability to meet the needs of the City. The City is sales tax exempt – Government.

Bidder agrees that the bid may not be withdrawn for a period of thirty (30) days from the actual date of the opening of the bid.

2000 TONS 2NS Screened Sand
TO BE DELIVERED AS REQUESTED TO 625 WOODMERE AVE, TRAVERSE CITY, MI

COSTS \$ 5.82 PER TON TOTAL COSTS 11640.00

COMPLY WITH GENERAL SPECIFICATIONS: YES X NO

Submitted by:
[Signature]
Signature
Robert W. Noonan President
Name and Title (Print)
231-228-5455 231-228-5490
Phone Fax

KASSON Sand + Gravel, Co.
Company Name
10282 S. Tice Rd
Company Address
Maple City MI 49664
City, State, Zip
Corporation
Sole proprietorship/partnership/corporation
Michigan
If corporation, state of corporation

Bidder: Must complete and return this sheet Page 1

GENERAL SPECIFICATIONS

2 NS Sand

Comply

2000 TONS OF 2NS Screened Sand meeting the following criteria:

- 100 % (percent) passing the 3/8" sieve
- 95-100 % (percent) passing the #4 sieve
- 65 - 95% (percent) passing the # 8 sieve
- 35-75% (percent) passing the #16 sieve
- 20 - 55% (percent) passing the #30 sieve
- 10-30 % (percent) passing the #50 sieve
- 0-10% (percent) passing the #100 sieve

and having a fineness modulus of 2.50 to 3.35 and a loss by wash of 0 to 3.0% (percent).

Comply

If you comply, please indicate on Bid Summary Sheet and attach copy of sieve analysis:

Attached: Yes No.

Material is to be delivered to the Department of Public Services, by November 14, 2014.

Bid is to state terms and delivery promise.

Net 30 days from Invoice need three days
notice before starting delivery

If your product does not meet the above criteria: Please indicate variances and provide an explanation below:

If you take exception, please indicate on blank provided and provide explanation. Attach additional sheet if required.

Date: 8-21-14

Met. Lab
Mechanical Analysis
2120 5870

Mechanical Analysis

CLIENT _____ RECEIVED DWS

PROJECT _____

PROJECT _____ METHOD _____

SEIVE	WEIGHT	PERCENT	RETAINED	PASSING	SPEC
1 1/2					
1					
3/4					
3/8				100	
NO. 4	10	1.9	1.9	98	
NO. 8	104	19.5	21.4	79	
NO. 16	90	16.8	38.2	62	
NO. 30	84	15.7	53.9	46	20-55
NO. 50	136.7	25.7	79.6	20	
NO. 100	96	18.0	97.6	2	
P200	8	1.5		1	
PAN	5	.9			
LBW					

LOSS BY WASH

INT. WT. OF SAMPLE 3.34 WT. OF CRUSH _____

WT. WASHED _____ TOTAL WT. _____

WT. OF PAN _____ % CRUSH 2.93

% WASH _____

THIS MATERIAL MEETS _____ DOES NOT MEET _____ PROJECT SPECIFICATIONS

COMMENTS _____

SIGNED: _____

Date: 2-26

High Capacity
Mechanical Analyzer

Mechanical Analyzer

CLIENT _____

NO. OF TESTS 2055

PROJECT _____

TEST NO. _____

PROJECT # _____

TITLE _____

SEIVE	WEIGHT	PERCENT	RETAINED	TOTAL WT.	SPCL
1/2"					
3/8"					
NO. 4	2	.3	.3	99	
NO. 8	116	16.3	17.1	83	
NO. 16	139	20.1	37.2	63	
NO. 30	143	20.7	57.9	42	2055
NO. 50	198	28.6	86.5	14	
NO. 100	72	10.5	97.0	3	
P200	9	1.3		2	
PAN	2	.3		1	
LBW	10	1.4			

LOSS BY WASH

INT. WT. OF SAMPLE 691
 WT. WASHED 681
 WT. OF PAN 10
 % WASH 1

WT. OF CRUSH _____

TOTAL WT. _____

% CRUSH 2.96

THIS MATERIAL MEETS _____ DOES NOT MEET _____ PROJECT SPECIFICATIONS

COMMENTS _____

SIGNED: _____

Bidder: Must complete and return this sheet Page 1

GENERAL SPECIFICATIONS

2 NS Sand

Comply

2000 TONS OF 2NS Screened Sand meeting the following criteria:

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- 20 - 55% (percent) passing the #30 sieve
- 10-30 % (percent) passing the #50 sieve
- 0-10% (percent) passing the #100 sieve

and having a fineness modulus of 2.50 to 3.35 and a loss by wash of 0 to 3.0% (percent).

Comply

If you comply, please indicate on Bid Summary Sheet and attach copy of sieve analysis:

Attached: Yes No.

Material is to be delivered to the Department of Public Services, by November 14, 2014.

Bid is to state terms and delivery promise.

Delivered as requested to the Streets Division 625 Woodmere Ave, Traverse City, MI.

Net 30-days

If your product does not meet the above criteria: Please indicate variances and provide an explanation below:

If you take exception, please indicate on blank provided and provide explanation. Attach additional sheet if required.

- Act. ii. A persistent and knowing violation of the Michigan Consumer Protection
- Safety Act. iii. Willful or persistent violations of the Michigan Occupational Health and
- iv. A violation of federal, local, or state civil rights, equal rights, or non-discrimination laws, rules, or regulations.
- v. Repeated or flagrant violations of laws related to the payment of wages and fringe benefits.

(f) the loss of a license or the right to do business or practice a profession, the loss or suspension of which indicates dishonesty, a lack of integrity, or a failure or refusal to perform in accordance with the ethical standards of the business or profession in question.

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Bidder agrees that the bid may not be withdrawn for a period of thirty (30) days from the actual date of the opening of the bid.

2000 TONS 2NS Screened Sand
TO BE DELIVERED AS REQUESTED TO 625 WOODMERE AVE, TRAVERSE CITY, MI

COST\$ 10.30 PER TON TOTAL COSTS\$ 20,600.00

COMPLY WITH GENERAL SPECIFICATIONS: YES NO

Submitted by:

Signature

James Carey, Manager Transportation Services

Name and Title (Print)

231 943-3443 231 943-5508

Phone

Fax

Elmer's Crane and Dozer, Inc.

Company Name

3600 Rennie School Road

Company Address

Traverse City MI 49685

City, State, Zip
Corporation

Sole proprietorship/partnership/corporation

Michigan

If corporation, state of corporation

Date	09/15/14	Test Number	142
Material	2 NS		
Location	M-72 Pit #45-038		
WET WT. OF SAMPLE	897.5		
DRY WT. OF SAMPLE	843.4	%MOISTURE	6.4
WASHED WT. OF SAMPLE	838.8	%L.B.W.	0.5 3.0 Max
		Fineness Modulus	2.80 +/- .20
		Base FM	2.70 0.10

SIEVES		WT. GRAMS	%RETAINED	%AC. RETAINED	% PASSING	SPEC
1 1/2"	37.5					
1"	25.0	0.0	0.0	0.0	100.0	100.0
3/4"	19.0	0.0	0.0	0.0	100.0	100.0
1/2"	12.5	0.0	0.0	0.0	100.0	100.0
3/8"	9.5	0.0	0.0	0.0	100.0	100.0
No 4	4.75	12.1	1.4	1.4	98.6	95-100
No 8	2.36	116.4	13.8	15.2	84.8	65-95
No 16	1.18	128.9	15.3	30.5	69.5	35-75
No 30	0.600	148.3	17.6	48.1	51.9	20-55
No 50	0.300	320.5	38.0	86.1	13.9	10-30
No 100	0.150	106.5	12.6	98.7	1.3	0-10
No 200	0.075	5.3	0.6	99.4	0.6	
LBW		4.6			0.5	3.0 Max
TOTAL		843.4				
Comments: NEW CONE-NORTH (CENTER)						