

**AGENDA ITEM 15**

Consider granting final plat approval to Great Oaks/620 Commercial.

Moved: **Commissioner Heiligenstein**

Seconded: **Commissioner Hays**

Motion: To grant final plat approval to Great Oaks/620 Commercial.

Vote: Motion carried 5 – 0.

**AGENDA ITEM 16**

Consider granting final plat approval to Vista Oaks, Section 5-B, Phase 2.

Moved: **Commissioner Heiligenstein**

Seconded: **Commissioner Hays**

Motion: To grant final plat approval to Vista Oaks, Section. 5-B, Phase 2.

Vote: Motion carried 5 – 0.

**AGENDA ITEM 17**

Consider granting final plat approval to Vista Oaks, Section 5-C.

Moved: **Commissioner Heiligenstein**

Seconded: **Commissioner Hays**

Motion: To grant final plat approval to Vista Oaks, Section 5-C.

Vote: Motion carried 5 – 0.

**AGENDA ITEM 18**

Consider granting final plat approval to Meadows at Chandler Creek, Section 23.

Moved: **Commissioner Heiligenstein**

Seconded: **Commissioner Hays**

Motion: To grant final plat approval to Meadows at Chandler Creek, Section 23.

Vote: Motion carried 5 – 0.

**Regular Agenda****AGENDA ITEM 19**

Consider approving preliminary plat for Mustang Creek North, Section II.

Moved: **Commissioner Limmer**

Seconded: **Commissioner Hays**

Motion: To approve preliminary plat for Mustang Creek North, Section II.

Vote: Motion carried 5 – 0.

**AGENDA ITEM 20**

Consider awarding, rejecting or extending various annual bids.

Annual bids for Unified Road System were received in the office of the County Auditor on August 9, 2000 at 3 o'clock p.m.

**ASPHALT**

Austin Asphalt Company

Capitol Aggregates, Ltd.

Centex Materials LP

Cleveland Asphalt Products, Inc.

Eagle Asphalt Products

Koch Materials Company

MSC, Inc.

Performance Grade Asphalt

Vulcan Construction Materials, LP

# ASPHALT

COPY

WILLIAMSON COUNTY BID FORM  
ASPHALT ANNUAL CONTRACT

BID NUMBER: 01WCA002

BID OPENING DATE & TIME: AUGUST 9, 2000 - 3:00 PM

CONTRACT PERIOD: OCTOBER 1, 2000 THRU SEPTEMBER 30, 2001

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with the terms and conditions of the attached Invitation for Bid, Specifications, and Special Provisions for the amount(s) shown on the accompanying bid sheet(s). By signing below, you have read the entire document and agreed to the terms therein.

NAME OF BIDDER: AUSTIN ASPHALT COMPANY

Mailing Address: 12112 Volente Rd. (RM2769)

City: Austin State: TX Zip: 78726

Telephone: (512) 835-1608 Fax: (512) 835-1380

Michael A. Brown Date of BID: 8/09/00  
Signature of Person Authorized to Sign BID

Name and Title of Signer: Michael A. Brown, Area Manager  
(Please Print or Type)

PLEASE COMPLETE THE FOLLOWING:

Prompt Payment Discount: \_\_\_\_\_% \_\_\_\_\_days. (If no discount is offered, Net 30 will apply.)

[ ] "all or none" basis. (Will accept award of "all" items only. If left blank, low item will apply.)

[ ☒ ] low item basis. (Will accept award on "any or all" items.)

List Additional Limitations if applicable: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**DO NOT SIGN OR SUBMIT THIS FORM**  
**WITHOUT READING ENTIRE DOCUMENT**

**THIS FORM MUST BE COMPLETED, SIGNED AND RETURNED WITH BID**

**WILLIAMSON COUNTY**  
**BID SPECIFICATIONS/BID SHEETS**  
**ASPHALT ANNUAL CONTRACT**

**BID NUMBER: 01WCA002**

**BID OPENING DATE & TIME: AUGUST 9, 2000 – 3:00 PM**

**CONTRACT PERIOD: OCTOBER 1, 2000 THRU SEPTEMBER 30, 2001**

ALL ITEMS MUST CONFORM TO TxDOT 1993 STANDARDS.

ALL ITEMS ARE SUBJECT TO TESTING.

ALL ITEMS WILL BE ORDERED ON AN "AS NEEDED" BASIS.

ALL QUANTITIES SHOWN ARE ESTIMATED QUANTITIES. THE ACTUAL QUANTITY PURCHASED MAY BE MORE OR LESS. THE COUNTY IS NOT OBLIGATED TO PURCHASE ANY MINIMUM AMOUNT AND THE COUNTY MAY PURCHASE ANY REASONABLE AMOUNT GREATER THAN THE ESTIMATE FOR THE SAME UNIT PRICE.

SPECIFY F.O.B. SITES.

ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
1	Black Base, TxDot Item 330, Type A To reach 95% Lab density		as needed	Ton	\$24 <sup>00</sup>	N/A
2	Asphalt Concrete, TxDot Item 330, Type C To reach 95% Lab density		8,000	Ton	\$25 <sup>00</sup>	\$200,000 <sup>00</sup>
3	Hot Mix Cold Lay, TxDot Item 334, Type D To reach 95% Lab density		as needed	Ton	\$35 <sup>00</sup>	N/A
4	Hot Mix Cold Lay Black Base, TxDot Item 334, Type A To reach 95% Lab density		as needed	Ton	\$35 <sup>00</sup>	N/A
5	AC-5 TxDot Item 300.2, Table 1		as needed	Ton	No Bid	
6	Ac-10 TxDot Item 300.2, Table 1		as needed	Ton	No Bid	
7	RC-250 TxDot Item 300.2, Table 4		10,000	Gal	No Bid	
8	MC-30 TxDot Item 300.2, Table 5		as needed	Gal	No Bid	
9	HFRS-2 OR CRS-2, TxDot Item 300.2, Table 7 & 8, Circle the one you are bidding		100,000	Gal	No Bid	

ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
10	HFRS-2P OR CRS-2P TxDot Item 300.2, Table 9, <b>Circle the one you are bidding</b>		as needed	Gal	No Bid	
11	SS-1 Emulsion		as needed	Gal	No Bid	
<b>BID TOTAL</b>						<i>\$ 200,000</i>

**WILLIAMSON COUNTY BID FORM  
ASPHALT ANNUAL CONTRACT**

**FILE COPY**

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CONTRACT PERIOD: OCTOBER 1, 2000 THRU SEPTEMBER 30, 2001

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NAME OF BIDDER: Capitol Aggregates, Ltd

Mailing Address: P.O. Box 6230

City: Austin State: TX Zip: 78762

Telephone: (512) 385-3211 Fax: (512) 385-5565

Jerry Faust Date of BID: 8/9/00  
Signature of Person Authorized to Sign BID

Name and Title of Signer: JERRY FAUST Sales Mgr  
(Please Print or Type)

**PLEASE COMPLETE THE FOLLOWING:**

Prompt Payment Discount: Net ~~x~~ 30 days. (If no discount is offered, Net 30 will apply.)

☐ "all or none" basis. (Will accept award of "all" items only. If left blank, low item will apply.)

☒ low item basis. (Will accept award on "any or all" items.)

List Additional Limitations if applicable: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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## WILLIAMSON COUNTY

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## BID SPECIFICATIONS/BID SHEETS

## ASPHALT ANNUAL CONTRACT

BID NUMBER: 01WCA002

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CONTRACT PERIOD: OCTOBER 1, 2000 THRU SEPTEMBER 30, 2001

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SPECIFY F.O.B. SITES. *All materials FOB producers plant, SH29 2.5 mi W of IH 35*

ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
1	Black Base, TxDot Item 330, Type A To reach 95% Lab density		as needed	Ton	29 <sup>75</sup>	
2	Asphalt Concrete, TxDot Item 330, Type C To reach 95% Lab density		8,000	Ton	29 <sup>75</sup>	238,000
3	Hot Mix Cold Lay, TxDot Item 334, Type D To reach 95% Lab density		as needed	Ton	34 <sup>75</sup>	
4	Hot Mix Cold Lay Black Base, TxDot Item 334, Type A To reach 95% Lab density		as needed	Ton	No BID	
5	AC-5 TxDot Item 300.2, Table 1		as needed	Ton	No BID	
6	Ac-10 TxDot Item 300.2, Table 1		as needed	Ton	No BID	
7	RC-250 TxDot Item 300.2, Table 4		10,000	Gal	No BID	
8	MC-30 TxDot Item 300.2, Table 5		as needed	Gal	No BID	
9	HFRS-2 OR CRS-2, TxDot Item 300.2, Table 7 & 8, Circle the one you are bidding		100,000	Gal	No BID	

ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
10	HFRS-2P OR CRS-2P TxDot Item 300.2, Table 9, <b>Circle the one you are bidding</b>		as needed	Gal	No Bid	
11	SS-1 Emulsion		as needed	Gal	No Bid	
BID TOTAL						



**WILLIAMSON COUNTY BID FORM**

## ASPHALT ANNUAL CONTRACT

**BID NUMBER: 01WCA002**

**BID OPENING DATE & TIME: AUGUST 9, 2000 – 3:00 PM**

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**NAME OF BIDDER:** Centex Materials LP

**Mailing Address:** P.O. Box 2252

**City:** Austin **State:** Texas **Zip:** 78768

**Telephone:** ( 512 ) 327-3652 **Fax:** ( 412 ) 328-6536

Mark H. H. H. H. Date of BID: 8-1-00  
Signature of Person Authorized to Sign BID

**Name and Title of Signer:** Mark Hamilton, Vice President - Sales  
(Please Print or Type)

**PLEASE COMPLETE THE FOLLOWING:**

**Prompt Payment Discount:** 0 %      days. (If no discount is offered, Net 30 will apply.)

☐ "all or none" basis. (Will accept award of "all" items only. If left blank, low item will apply.)

[x] low item basis. (Will accept award on "any or all" items.) asphalt

List Additional Limitations If applicable: Please Note: Our plant will not be in operation until 1st quarter of 2001.

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## WILLIAMSON COUNTY

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## BID SPECIFICATIONS/BID SHEETS

## ASPHALT ANNUAL CONTRACT

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SPECIFY F.O.B. SITES.

ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
1	Black Base, TxDot Item 330, Type A To reach 95% Lab density		as needed	Ton	27.00/T	
2	Asphalt Concrete, TxDot Item 330, Type C To reach 95% Lab density		8,000	Ton	27.00/T	216,000.00
3	Hot Mix Cold Lay, TxDot Item 334, Type D To reach 95% Lab density		as needed	Ton	No Bid	
4	Hot Mix Cold Lay Black Base, TxDot Item 334, Type A To reach 95% Lab density		as needed	Ton	No Bid	
5	AC-5 TxDot Item 300.2, Table 1		as needed	Ton	No Bid	
6	Ac-10 TxDot Item 300.2, Table 1		as needed	Ton	No Bid	
7	RC-250 TxDot Item 300.2, Table 4		10,000	Gal	No Bid	
8	MC-30 TxDot Item 300.2, Table 5		as needed	Gal	No Bid	
9	HFRS-2 OR CRS-2, TxDot Item 300.2, Table 7 & 8, Circle the one you are bidding		100,000	Gal	No Bid	

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ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
10	HFRS-2P OR CRS-2P TxDot Item 300.2, Table 9, <b>Circle the one you are bidding</b>		as needed	Gal	No Bid	
11	SS-1 Emulsion		as needed	Gal	No Bid	
<b>BID TOTAL</b>						216,000.00

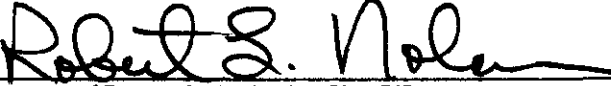
**WILLIAMSON COUNTY BID FORM****ASPHALT ANNUAL CONTRACT**

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NAME OF BIDDER: CLEVELAND ASPHALT PRODUCTS, INC.Mailing Address: P.O. BOX 1449City: SHEPHERD, State: TEXAS Zip: 77371Telephone: ( 800 ) 334-0177 Fax: ( 936 ) 628-6602

 Date of BID: 8/8/00  
Signature of Person Authorized to Sign BID

Name and Title of Signer: ROBERT L. NOLAN, SALES MANAGER  
(Please Print or Type)**PLEASE COMPLETE THE FOLLOWING:**Prompt Payment Discount: 2 % 10 days. (If no discount is offered, Net 30 will apply.)☐ "all or none" basis. (Will accept award of "all" items only. If left blank, low item will apply.)☒ low item basis. (Will accept award on "any or all" items.)

List Additional Limitations if applicable: \_\_\_\_\_

\_\_\_\_\_  
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1	Black Base, TxDot Item 330, Type A To reach 95% Lab density		as needed	Ton		
2	Asphalt Concrete, TxDot Item 330, Type C To reach 95% Lab density		8,000	Ton		
3	Hot Mix Cold Lay, TxDot Item 334, Type D To reach 95% Lab density		as needed	Ton		
4	Hot Mix Cold Lay Black Base, TxDot Item 334, Type A To reach 95% Lab density		as needed	Ton		
5	AC-5 TxDot Item 300.2, Table 1		as needed	Ton	NB	
6	Ac-10 TxDot Item 300.2, Table 1		as needed	Ton	NB	
7	RC-250 TxDot Item 300.2, Table 4		10,000	Gal	\$1.1123	\$11,123.00
8	MC-30 TxDot Item 300.2, Table 5		as needed	Gal	\$1.012	
9	HFRS-2 OR CRS-2, TxDot Item 300.2, Table 7 & 8, <b>Circle the one you are bidding</b>		100,000	Gal	\$0.7132	\$71,320.00

ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
10	HFRS-2P OR CRS-2P TxDot Item 300.2, Table 9, <b>Circle the one you are bidding</b>		as needed	Gal	\$0.9453	
11	SS-1 Emulsion		as needed	Gal	\$0.7132	
BID TOTAL						

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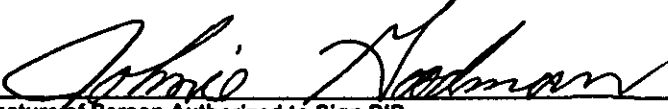
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**NAME OF BIDDER:** EAGLE ASPHALT PRODUCTS

**Mailing Address:** P. O. BOX 9605

**City:** CORPUS CHRISTI,      **State:** TEXAS      **Zip:** 78469

**Telephone:** ( 361 ) 289-1707      **Fax:** ( 361 ) 289-7800

      **Date of BID:** AUGUST 08, 2000  
Signature of Person Authorized to Sign Bid

**Name and Title of Signer:** JOHNIE GOODMAN - SALES  
(Please Print or Type)

**PLEASE COMPLETE THE FOLLOWING:**

Prompt Payment Discount: 0 % 0 days. (If no discount is offered, Net 30 will apply.)

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[x] low item basis. (Will accept award on "any or all" items.)

List Additional Limitations if applicable: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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SPECIFY F.O.B. SITES.

ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
1	Black Base, TxDot Item 330, Type A To reach 95% Lab density		as needed	Ton		NO BID
2	Asphalt Concrete, TxDot Item 330, Type C To reach 95% Lab density		8,000	Ton		NO BID
3	Hot Mix Cold Lay, TxDot Item 334, Type D To reach 95% Lab density		as needed	Ton		NO BID -
4	Hot Mix Cold Lay Black Base, TxDot Item 334, Type A To reach 95% Lab density		as needed	Ton		NO BID
5	AC-5 TxDot Item 300.2, Table 1		as needed	Ton	\$197.50	-
6	Ac-10 TxDot Item 300.2, Table 1		as needed	Ton	\$197.50	
7	RC-250 TxDot Item 300.2, Table 4		10,000	Gal	\$1.13/GAL	\$11,300.00
8	MC-30 TxDot Item 300.2, Table 5		as needed	Gal	\$1.05/GAL	
9	HFRS-2 OR CRS-2, TxDot Item 300.2, Table 7 & 8, <b>Circle the one you are bidding</b>		100,000	Gal		NO BID



ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
10	HFRS-2P OR CRS-2P TxDot Item 300.2, Table 9, <b>Circle the one you are bidding</b>		as needed	Gal		NO BID
11	SS-1 Emulsion		as needed	Gal		NO BID
BID TOTAL						

**\*\*NOTE: PRICES ARE BASED ON 5,000 GALLON MINIMUM LOADS  
 FIRST TWO HOURS UNLOADING ARE FREE, THEN \$40.00/HR.  
 IF HEATER LOADS ARE NEEDED ADD \$1.20/TON TO PRICE**

## WILLIAMSON COUNTY BID FORM

## ASPHALT ANNUAL CONTRACT

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NAME OF BIDDER: KOCH MATERIALS COMPANYMailing Address: 8803 N. MOPACCity: AUSTIN State: TX Zip: 78759Telephone: (512) 345-0975 Fax: (512) 345-7938

Date of BID: 8/7/00Name and Title of Signer: TODD HOLUBEC TECHNICAL MARKETING REP.  
(Please Print or Type)

## PLEASE COMPLETE THE FOLLOWING:

Prompt Payment Discount: \_\_\_\_\_% \_\_\_\_\_days. (If no discount is offered, Net 30 will apply.)

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List Additional Limitations if applicable:

(See Note regarding demurrage on back page)

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ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
1	Black Base, TxDot Item 330, Type A To reach 95% Lab density		as needed	Ton	No Bid	
2	Asphalt Concrete, TxDot Item 330, Type C To reach 95% Lab density		8,000	Ton	No Bid	
3	Hot Mix Cold Lay, TxDot Item 334, Type D To reach 95% Lab density		as needed	Ton	No Bid	
4	Hot Mix Cold Lay Black Base, TxDot Item 334, Type A To reach 95% Lab density		as needed	Ton	No Bid	
5	AC-5 TxDot Item 300.2, Table 1		as needed	Ton	No Bid	
6	Ac-10 TxDot Item 300.2, Table 1		as needed	Ton	No Bid	
7	RC-250 TxDot Item 300.2, Table 4		10,000	Gal	No Bid	
8	MC-30 TxDot Item 300.2, Table 5		as needed	Gal	No Bid	
9	HFRS-2 OR CRS-2, Both TxDot Item 300.2, Table 7 & 8, Circle the one you are bidding		100,000	Gal	\$ .6990	

ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
10	HFRS-2P OR CRS-2P <i>Both</i> TxDot Item 300.2, Table 9, <b>Circle the one you are bidding</b>		as needed	Gal	\$ .959	
11	SS-1 Emulsion OR CRS-1		as needed	Gal	\$ .6490	
BID TOTAL						

\*Note: Carrier will bill demurrage directly to Williamson County.

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NAME OF BIDDER: MCS, INC.Mailing Address: PO BOX 2439City: CEGAR HILL State: TX Zip: 75106Telephone: (972) 291.7474 Fax: (972) 291.6224

Signature of Person Authorized to Sign BID

Date of BID: 8/9/00Name and Title of Signer: JOHN K. HARRIS VICE PRESIDENT  
(Please Print or Type)

## PLEASE COMPLETE THE FOLLOWING:

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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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**THIS FORM MUST BE COMPLETED, SIGNED AND RETURNED WITH BID**

**WILLIAMSON COUNTY**  
**BID SPECIFICATIONS/BID SHEETS**  
**ASPHALT ANNUAL CONTRACT**

**BID NUMBER: 01WCA002**

**BID OPENING DATE & TIME: AUGUST 9, 2000 - 3:00 PM**

**CONTRACT PERIOD: OCTOBER 1, 2000 THRU SEPTEMBER 30, 2001**

ALL ITEMS MUST CONFORM TO TxDOT 1993 STANDARDS.

ALL ITEMS ARE SUBJECT TO TESTING.

ALL ITEMS WILL BE ORDERED ON AN "AS NEEDED" BASIS.

ALL QUANTITIES SHOWN ARE ESTIMATED QUANTITIES. THE ACTUAL QUANTITY PURCHASED MAY BE MORE OR LESS. THE COUNTY IS NOT OBLIGATED TO PURCHASE ANY MINIMUM AMOUNT AND THE COUNTY MAY PURCHASE ANY REASONABLE AMOUNT GREATER THAN THE ESTIMATE FOR THE SAME UNIT PRICE.

SPECIFY F.O.B. SITES.

ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
1	Black Base, TxDot Item 330, Type A To reach 95% Lab density		as needed	Ton		
2	Asphalt Concrete, TxDot Item 330, Type C To reach 95% Lab density		8,000	Ton		
3	Hot Mix Cold Lay, TxDot Item 334, Type D To reach 95% Lab density		as needed	Ton		
4	Hot Mix Cold Lay Black Base, TxDot Item 334, Type A To reach 95% Lab density		as needed	Ton		
5	AC-5 TxDot Item 300.2, Table 1		as needed	Ton		
6	Ac-10 TxDot Item 300.2, Table 1		as needed	Ton		
> 7	RC-250 TxDot Item 300.2, Table 4		10,000	Gal		SEE ALTERNATE BID
8	MC-30 TxDot Item 300.2, Table 5		as needed	Gal		
> 9	HFRS-2 OR CRS-2, TxDot Item 300.2, Table 7 & 8, Circle the one you are bidding		100,000	Gal		SEE ALTERNATE BID

ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
> 10	HFRS-2P OR CRS-2P TxDot Item 300.2, Table 9, Circle the one you are bidding		as needed	Gal		SEE ALTERNATE B/D
> 11	SS-1 Emulsion		as needed	Gal		SEE ALTERNATE B.D.
BID TOTAL						

M



MOLECULAR COATING SPECIALIST, INC. ®

C

S

Inc. ®

August 7, 2000

Williamson County Auditor's Office  
 Attn: Ginny Atkinson- Purchasing  
 710 Main St. - Suite 303  
 Georgetown, TX 78626

Dear Ginny Atkinson,

Thank you for the opportunity to provide our bid for the Williamson County's requirements for Asphalt Emulsions. MCS has a long history of providing related products and technical service to many counties in Texas.

Enclosed you will find the MCS response to your bid number 01WCA002. MCS, Inc. does not manufacture state spec emulsions, rather we manufacture specialty emulsions for specialized road building applications. **I am providing 4 alternate products for bid in our response as cost effective alternative to spec products.** Enclosed you will find pricing, product descriptions, spec sheets and material safety data sheets on the following products:

**Cape Over Seal** (Fog seal/Final seal for Chip Seal Roads)  
**MCS-600C** (Prime Sealer and Dust Control)  
**ABS-65** (Base Stabilizer)  
**ARE-68** (Asphalt Recycling Agent)

*These products are specialized asphalt emulsions designed to outperform state spec, general use emulsions as outlined in your bid. We would like to discuss the particulars of each of the products further.*

We are pleased to have this opportunity to present to you the MCS family of environmentally friendly asphalt emulsions.

Please let me know if I can provide you with any additional information.

Regards,

**John K. Harris**  
 Vice President  
 MCS, Inc.

P.O. BOX 2439 CEDAR HILL, TEXAS 75106 PHONE 972 291 7474 FAX 972 291 6224  
 1001 MT. LEBANON ROAD CEDAR HILL, TEXAS 75104  
 "EARTH FRIENDLY PRODUCTS"



**Summary of MCS Products Alternate Bid**

Bid # 01WCA002

Products	Price/gallon (Delivered)	Price/gallon (Diluted for use)
<b>Cape Over Seal</b>	<b>\$1.55</b>	<b>\$1.55</b>
<b>MCS-600C</b> (Prime Sealer and Dust Control)	<b>\$1.85</b>	<b>\$0.26</b> (as PRIME SEAL) <b>\$0.14</b> (as DUST CONTROL)
<b>ABS-65</b> (Base Stabilizer)	<b>\$1.52</b>	<b>\$0.76</b>
<b>ARE-68</b> (Asphalt Recycling Agent)	<b>\$1.56</b>	<b>\$0.78</b>

All Prices are FOB your county.

MCS, Inc.

# CAPE OVER SEAL

## INTRODUCTION

**CAPE OVER SEAL** is a specialized emulsion that is a preventive maintenance product for seal coat roads. **CAPE OVER SEAL** has an easy spray on application, that can be also used on low speed roads and parking lots. **CAPE OVER SEAL** can also be used as a sealer over R.A.P. to stop rock loss, and to turn the road black. **CAPE OVER SEAL** will help stop citizen complaints concerning rocks hitting their cars.

## BENEFITS

- Pays for itself by saving rock
- Increases safety by locking loose rock into place
- Cements the top of rock together
- Seal cracks with cross linking copolymer rubber asphalt
- Provides ultraviolet protection to the road surface
- Provides a black, quick-drying surface
- Easy application with distributor truck
- Sprays on like a fog seal
- Dries fast
- Increased road life
- Low cost application rate
- Stops the build up of rocks on the side of the road

## APPLICATION

1. Allows final chip seal emulsion and rock to set rapidly.
2. With a distributor truck, spray **CAPE OVER SEAL** at a rate of .12 - .18 gallons per sq. yd. in order to coat and inter-lock rock surface together.
3. Traffic can be turned back on to the road in 30 min. to 1 hr.
4. Clean pump of distributor with water.

**YOU SIMPLY WON'T FIND A TOUGHER, MORE DURABLE ASPHALT SEALER THAN CAPE OVER SEAL**



**MOLECULAR COATING SPECIALIST, Inc.**  
 P.O. BOX 2439 CEDAR HILL, TX 75106 Ph. 972 291 7474 FAX 972 291 6224  
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# CAPE SEAL Spec Sheet

(MCS product name: Cape Seal)

This Spec is a Performance Specification for CAPESEAL or a pre-approved equal product to be used as a seal coat rock interlocking sealer.

The product shall be composed of a petroleum resin oil base with selective penetration and dry agents to form as cape seal for seal coat rock.

Specification Designation	Spec Task Method	Requirements
Appearance	—	Brown Liquid
Viscosity S.F. at 77°F Sec	ASTM D 244-60	10 - 180 min max
Residue, % min <sup>(1)</sup>	ASTM D 244-60 (mod)	48 - 66
Miscibility Test <sup>(2)</sup>	ASTM D 244-60 (mod)	No coagulation
Penetration @77 deg f 10°g 15 sec	ASTM D 5	0 15
Moisture, wt. %		52 max
Volatile %		34 min.
% Non-volatile Soluble in Trichlorethylene	T. 45-56 ASSHTO	min 8 max
40 ml Accelerated Weathering (2 year exposure)	TT C-555 B Federal Spec	min No material deterioration after exposure
Resistance to wind Driven Rain (@ 98 mph)	TT C-555 B Federal Spec	min Passes/no wt. gain
Ash % wt.		8 max
Particle Charge & Vendor	ASTM D 444-60	Positive or Negative
Must notify particle at time of bid		
Freeze Test (Concentrated Form)	3-Cycle	Pass
Sieve Test:		
Diluted Sieve Test - Cold Water Dilution		1 % max
Stability Test (4 parts water to 1 part Cape Seal) Max % #40 Sieve		
Shaker Test 2-4 hrs. (diluted 4 parts water to 1 part Cape Seal)		
Mix Burrell Wrist Action Shaker		
Model 75 set on Level 7, max % Sieve #40		1 % max

(1) ASTM D 244 Modified Evaporation Test for percent of residue is made by heating 50 gram sample to 300°F until foaming ceases, then cool immediately and calculate results.

(2) Test procedure identical with ASTM D244-60, except that .02 Normal Calcium Chloride solution shall be used in place of distilled water.

- (1) The Cape Seal material must have a satisfactory in-place service as an Asphalt Prime for a minimum of 3 years with City or County or State governmental Road Dept.
- (2) Material of above specification must be approved for use from Texas Highway Department
- (3) Material must be a Cold Flow Stabilized Product.
- (4) Vendor must provide a min. 5,000 gal. Storage container.

## MATERIAL SAFETY DATA SHEET

REV. DATE 9/30/99

QUICK IDENTIFIER: ROAD BUILDING EMULSION  
 MANUFACTURER'S NAME: MOLECULAR COATING SPECIALISTS, INC. (M.C.S.)  
 ADDRESS: 1001 MT. LEBANON RD.  
 CEDAR HILL, TX 75104  
 EMERGENCY 24 HR. TELEPHONE NUMBER: (972) 291-7474  
 OTHER INFORMATION CALLS: (972) 291-7474

## SECTION 1 - IDENTIFY

TRADE NAME AND SYNONYMS: COS (Cape Over Seal)  
 C.A.S. NUMBER: NONE, MIXTURE  
 CHEMICAL NAME: EMULSIFIED ASPHALT  
 CHEMICAL FAMILY: PETROLEUM HYDROCARBON  
 FORMULA: VARIABLE MIXTURE

## SECTION 2 - INGREDIENTS

PRINCIPAL HAZARDOUS COMPONENTS (CHEMICAL & COMMON NAMES)	%	THRESHOLD LIMIT VALUE (UNITS)
NONE KNOWN		

OTHER INGREDIENTS ASPHALT, PETROLEUM 008052-42-4	60	5.00 mg/m <sup>3</sup>
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## SECTION 3 - PHYSICAL &amp; CHEMICAL CHARACTERISTICS

BOILING POINT: 212 DEG. F.	SPECIFIC GRAVITY (H2O-1.00): 97 - 1.03
VAPOR PRESSURE (mmHg): N/D	VAPOR DENSITY (AIR @ 1): > 1
PERCENT VOLATILE BY VOLUME: 30 - 43	EVAP. RATE (H2O = 1.00): 1
APPEARANCE AND ODOR: LOW VISCOSITY, SMOOTH BROWN LIQUID, SLIGHT PETROLEUM ODOR	

## SECTION 4 - FIRE AND EXPLOSION

FLASH POINT: N/A IN EMULSION STATE AUTO IGNITION TEMP: N/A  
 FLAMMABLE LIMITS IN AIR % BY VOLUME: LOWER: N/A UPPER: N/A  
 EXTINGUISHER MEDIA: NON-FLAMMABLE IN EMULSION STATE  
 \*NOTE\* IN ASPHALT STATE: SMALL FIRES USE DRY CHEMICAL, CO<sub>2</sub>, HALON, WATER SPRAY OR STANDARD FOAM. LARGE FIRES USE WATER SPRAY, FOG OR STANDARD FOAM. (1987 EMERGENCY RESPONSE GUIDEBOOK, D.O.T. PS800.4 GUIDE NO. 27)  
 SPECIAL FIRE FIGHTING PROCEDURES: NON-FLAMMABLE IN EMULSION STATE  
 \*NOTE\* IN ASPHALT STATE: MOVE VESSEL FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. COOL CONTAINERS THAT ARE EXPOSED TO FLAMES WITH WATER FROM THE SIDE UNTIL WELL AFTER THE FIRE IS OUT. STAY AWAY FROM ENDS OF TANK. FOR MASSIVE FIRE IN CARGO AREA, USE UNMANNED HOSE HOLDER OR MONITOR NOZZLES; IF THIS IS IMPOSSIBLE, WITHDRAW FROM AREA AND LET FIRE BURN. WITHDRAW IMMEDIATELY IN CASE OF RISING SOUND FROM VENTING SAFETY DEVICE OR ANY DISCOLORATION OF TANK DUE TO FIRE. (1987 EMERGENCY RESPONSE GUIDEBOOK, D.O.T. PS800.4 GUIDE NO. 27)

## SECTION 5 - PHYSICAL HAZARDS

MATERIAL IS: STABLE  
 CONDITIONS TO AVOID: NONE  
 INCOMPATIBILITY (MATERIALS TO AVOID): NONE  
 HAZARDOUS POLYMERIZATION WILL: NOT OCCUR

## SECTION 6 - HEALTH HAZARDS

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN.  
 ASPHALT EMULSIONS HAVE NOT BEEN INVESTIGATED AS POSSIBLE CARCINOGENS. PETROLEUM ASPHALT WOULD BE AS FOLLOWS:  
 NAT. TOXICOLOGY PROGRAM NO  

OSHA	YES
IARC.	*UNDETERMINED

\*EXPLANATION: IARC MONOGRAPHS - JAN. 1985 - THE STUDY INDICATES THERE IS SUFFICIENT EVIDENCE FOR CARCINOGENICITY IN ANIMALS FROM EXPOSURE TO EXTRACTS OF STEAM-REFINED BITUMENS, AIR-REFINED BITUMENS AND MIXTURES OF STEAM-REFINED AND AIR-DEFINED BITUMENS. DUE TO INADEQUATE EVIDENCE IN HUMANS, BUT SUFFICIENT EVIDENCE IN ANIMALS, BITUMEN IS CONSIDERED BY OSHA AS IF IT PRESENTS A CARCINOGENIC RISK TO HUMANS. THERE IS INADEQUATE EVIDENCE THAT BITUMENS ALONE ARE CARCINOGENIC TO HUMANS.

# ***MCS600-C***

## **PRIME SEAL / DUST CONTROL**

### **INTRODUCTION**

***MCS600-C*** is a cationic modified petroleum resin and asphalt emulsion to be used as a prime or a dust control agent. In ***MCS600-C***'s concentrated form, it is mixed with water at a rate of one part ***MCS600-C*** to (four to twelve) parts water, then sprayed on soil or road base materials.

### **BENEFITS**

- Cuts maintenance on unimproved dirt or gravel roads
- Adds density to stabilize the road
- Helps reduce wet weather damage
- Crowns in the road remain intact
- Fewer potholes
- Reduces loss of fines on the road
- Reduces wash board effect
- Cost effective
- Easy to use
- Stops citizens complaints on dust
- Storage stable
- Environmentally friendly

### **APPLICATION**

1. Rate of application .15 to .25 diluted gallons per square yard.
2. Prime: Dilute 1 part ***MCS600-C*** to 6 parts water.
3. Dust Control: Dilute 1 part ***MCS600-C*** to 6-12 parts water.
4. Spray at ambient temperature.
5. Apply with water truck or distributor.
6. Use a blade to reshape the road for longer life stability.
7. Crown the road for good water drainage.
8. Compact treated road for maximum stabilization.

**ENVIRONMENTALLY SAFE FOR PRIME AND DUST CONTROL**



**MOLECULAR COATING SPECIALIST, Inc.**  
P.O. BOX 2439 CEDAR HILL, TX 75106 Ph. 972 291 7474 FAX 972 291 6224  
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# MCS600-C Spec Sheet Prime and Road Sealer

This Spec is a Performance Specification for MCS600-C or a pre-approved equal product to be used as a Prime and Road Sealer.

The product shall be composed of a petroleum of resin oil base with selective penetration and dry agents to form as road sealer. Independent Lab Compliance to this Spec must be included in this bid. Failure to do such will be considered as a non response bid.

Specification Designation	Task Method	Requirements
Appearance	—	Brown Liquid
Viscosity S.F. at 77°F Sec	ASTM D 244-60	15 - 200 min max
Residue, % min <sup>(1)</sup>	ASTM D 244-60 (mod)	56 - 65
Miscibility Test <sup>(2)</sup>	ASTM D 244-60 (mod)	No coagulation
Moisture, wt. %		48 max
Volatile %		35 min.
% Non-volatile Soluble in Trichlorethylene	T. 45-56 ASSHTO	min 6 max
40 ml Accelerated Weathering (2 year exposure)	TT C-555 B Federal Spec	min No material deterioration after exposure
Resistance to wind Driven Rain (@ 98 mph)	TT C-555 B Federal Spec	min Passes/no wt. gain
Ash % wt.		5 max
Particle Charge & Vendor	ASTM D 444-60	Positive or Negative
Must notify particle at time of bid		
Freeze Test (Concentrated Form)	3-Cycle	Pass
Sieve Test:		
Diluted Sieve Test - Cold Water Dilution		1 % max
Stability Test (4 parts water to 1 part Road Sealer) Max % #40 Sieve		
Shaker Test 2-4 hrs. (diluted 4 parts water to 1 part Road Sealer)		
Mix Burrell Wrist Action Shaker Model 75 set on Level 7, max % Sieve #40		1 % max

(1) ASTM D 244 Modified Evaporation Test for percent of residue is made by heating 50 gram sample to 300°F until foaming ceases, then cool immediately and calculate results.

(2) Test procedure identical with ASTM D244-60, except that .02 Normal Calcium Chloride solution shall be used in place of distilled water.

- (1) The Road Sealer material must have a satisfactory in-place service as an Asphalt Prime for a minimum of 3 years with City or County or State governmental Road Dept. Reference of such location and telephone must be included in this bid.
- (2) Material of above specification must be approved for use from Texas Highway Department
- (3) Material must be a Cold Flow Stabilized Product.
- (4) Vendor must provide a min. 5,000 gal. Storage container.

## MATERIAL SAFETY DATA SHEET

REV. DATE 9/30/99

MANUFACTURER'S NAME: MOLECULAR COATING SPECIALISTS, INC.(M.C.S.)

ADDRESS: 1001 MT. LEBANON RD.

CEDAR HILL, TX 75104

EMERGENCY 24 HR. TELEPHONE NUMBER: (972) 291-7474

OTHER INFORMATION CALLS: (972) 291-7474

## SECTION 1 - IDENTIFY

TRADE NAME AND SYNONYMS: MCS 600 - C

C.A.S. NUMBER: NONE, MIXTURE

CHEMICAL NAME: EMULSIFIED ASPHALT

CHEMICAL FAMILY: PETROLEUM HYDROCARBON

FORMULA: VARIABLE MIXTURE

## SECTION 2 - INGREDIENTS

PRINCIPAL HAZARDOUS COMPONENTS (CHEMICAL & COMMON NAMES)	%	THRESHOLD LIMIT VALUE (UNITS)
NONE KNOWN		

OTHER INGREDIENTS	%	THRESHOLD LIMIT VALUE (UNITS)
ASPHALT, PETROLEUM 008052-42-4	55 - 70	5.00 mg/m <sup>3</sup>
PETROLEUM DISTILLATE	0 - 4	

## SECTION 3 - PHYSICAL &amp; CHEMICAL CHARACTERISTICS

BOILING POINT: 212 DEG. F.      SPECIFIC GRAVITY (H2O=1.00): 97- 1.03  
 VAPOR PRESSURE (mmHG): ND      VAPOR DENSITY (AIR @ 1): > 1  
 PERCENT VOLATILE BY VOLUME: 30 - 43      EVAP. RATE (H2O = 1.00): 1  
 APPEARANCE AND ODOR: LOW VISCOSITY, SMOOTH BROWN LIQUID, SLIGHT PETROLEUM ODOR

## SECTION 4 - FIRE AND EXPLOSION

FLASH POINT: N/A IN EMULSION STATE      AUTO IGNITION TEMP: N/A  
 FLAMMABLE LIMITS IN AIR % BY VOLUME:      LOWER: N/A      UPPER: N/A  
 EXTINGUISHER MEDIA: NON-FLAMMABLE IN EMULSION STATE  
 \*NOTE, IN ASPHALT STATE: SMALL FIRES USE DRY CHEMICAL, CO<sub>2</sub>, HALON, WATER SPRAY OR STANDARD FOAM. LARGE FIRES USE WATER SPRAY, FOO OR STANDARD FOAM. (1987 EMERGENCY RESPONSE GUIDEBOOK, D.O.T. PS800.4 GUIDE NO. 27)  
 SPECIAL FIRE FIGHTING PROCEDURES: NON-FLAMMABLE IN EMULSION STATE.  
 \*NOTE\* ASPHALT STATE: MOVE VESSEL FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. COOL CONTAINERS THAT ARE EXPOSED TO FLAMES WITH WATER FROM THE SIDE UNTIL WELL AFTER THE FIRE IS OUT. STAY AWAY FROM ENDS OF TANK. FOR MASSIVE FIRE IN CARGO AREA, USE UNMANNED HOSE HOLDER OR MONITOR NOZZLES; IF THIS IS IMPOSSIBLE, WITHDRAW FROM AREA AND LET FIRE BURN. WITHDRAW IMMEDIATELY IN CASE OF HEARING SOUND FROM VENTING SAFETY DEVICE OR ANY DISCOLORATION OF TANK DUE TO FIRE. (1987 EMERGENCY RESPONSE GUIDEBOOK D.O.T. PS800.4 GUIDE NO. 27)

## SECTION 5 - PHYSICAL HAZARDS

MATERIAL IS: STABLE  
 CONDITIONS TO AVOID: NONE  
 INCOMPATIBILITY (MATERIALS TO AVOID): NONE  
 HAZARDOUS POLYMERIZATION WILL: NOT OCCUR

## SECTION 6 - HEALTH HAZARDS

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN.  
 ASPHALT EMULSIONS HAVE NOT BEEN INVESTIGATED AS POSSIBLE CARCINOGENS. PETROLEUM ASPHALT WOULD BE AS FOLLOWS:  
 NAT. TOXICOLOGY PROGRAM NO  
 OSHA YES  
 IARC. \*UNDETERMINED

\*EXPLANATION: IARC MONOGRAPHS - JAN. 1983 - THE STUDY INDICATES THERE IS SUFFICIENT EVIDENCE FOR CARCINOGENICITY IN ANIMALS FROM EXPOSURE TO EXTRACTS OF STEAM-REFINED BITUMENS, AIR-REFINED BITUMENS AND MIXTURES OF STEAM-REFINED AND AIR-REFINED BITUMENS. DUE TO INADEQUATE EVIDENCE IN HUMANS, BUT SUFFICIENT EVIDENCE IN ANIMALS, BITUMEN IS CONSIDERED BY OSHA AS IF IT PRESENTS A CARCINOGENIC RISK TO HUMANS. THERE IS INADEQUATE EVIDENCE THAT BITUMENS ALONE ARE CARCINOGENIC TO HUMANS.

# ABS-65

## ASPHALT BASE STABILIZER POLYMERIC ASPHALT SOIL CEMENTING PRODUCT

### INTRODUCTION

**ABS-65** is a polymer modified asphalt emulsion used as a soil stabilizer. It is mixed at a rate of one part **ABS-65** to one or more parts water (depending on the per cent of moisture in the road base) then incorporated with native soil on base type materials for soil stabilization process. **ABS-65** is used instead of hauling in base material or using lime or soil cement.

### BENEFITS

- Reduces road-building costs 50% or more
- Makes the road last longer
- Reduces potholes in the road
- Reduces crack-in the road
- Increases road life while lowering overall maintenance costs
- Easy to apply
- Reduces construction time 40 to 60 percent
- Leaves the road open to traffic
- Encapsulates the road base from water or oil penetration
- Cost effective way to stabilize the road base
- Environmentally Friendly-Meets E.P.A., T.N.R.C.C. Regulations  
Council of Governments Spec. ITEM 4.8.  
TXDOT ITEM 314

### APPLICATION

1. Blade or mill the road base to a depth of 6 inches (8 inches where heavy load-bearing strength is needed).
2. Apply diluted **ABS-65** to the road base; incorporate it with the mixer machine and blade.
3. Re-apply diluted **ABS-65** and mix with the mixer machine and blade a second time.
4. Start laying down the road base in 2-inch lifts and compact with a sheepfoot, rubber tire and flat wheel vibrating compactor.
5. Do final blading to shape the road and finish rolling with a steel roller.
6. A mixture of 1 part **ABS-65** to 2.5 parts water can be sprayed on top of the road for a fog seal prime.
7. Let the base cure for 48 hours before placing a final riding surface of seal-coat, asphalt or concrete.

**YOU CAN NOT BUY A MORE COST EFFECTIVE STABILIZER**



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P.O. BOX 2439 CEDAR HILL, TX 75106 Ph. 972 291 7474 FAX 972 291 6224  
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ANNUAL CONTRACT FOR STABILIZING ROADBASE MATERIALS
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## SOIL AND BASE STABILIZER

This Spec is a performance Specification for ABS 65 or a pre-approved equal product to be used as a Soil Stabilizer.

## SPECIFICATIONS

Specification Designation	Task Method	Requirements	
Appearance		Brown Liquid	
Viscosity S.F. at 77°F Sec	ASTM D 244-60	25 min	175 max
Residue, %min <sup>(1)</sup>	ASTM D-244-60(mod)	50 min	68 max
Miscibility Test <sup>(2)</sup>	ASTM D244-60(mod)	No coagulation	
Moisture, wt. %		70 max	
Volatile %		25 min	
%Non-Volatile	T.45-56		
Soluble in Trichlorethylene	ASSHTO	Min	8 max
40 ml Accelerated Weathering (2 year exposure)	TTC-555 B Federal Spec	Minimum deterioration after exposure	no material
Resistance to wind Driven rain @ 98 mph	TTC-555 B Federal Spec	Minimum passes/no wt gain	
ASH % wt		8 max	
Polymer % wt		4 max	
Particle Charge	ASTM D 444-60	Positive	
Flash Point TCC		250°F	
Freeze Test (Concentrated 3-Cycle Form)		Pass	

(1) ASTM D 244 Modified Evaporation Test for percent of residue is made by heating 50 gram sample to 300°F until foaming ceases, then cool immediately and calculate results.

The Soil & Base Stabilizer material must have a satisfactory in-place service as an Asphalt Soil & Base Stabilizer for a minimum of 3 years with City or County or State governmental Road Dept. Reference of such location and telephone must be included in this bid.

**MOLECULAR COATING SPECIALIST, Inc.**

P.O. BOX 2439 CEDAR HILL, TX 75106 Ph. 972 291 7474 FAX 972 291 6224

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# MATERIAL SAFETY DATA SHEET

REV. DATE 9/30/99

QUICK IDENTIFIER: ROAD BUILDING EMULSION  
 MANUFACTURER'S NAME: MOLECULAR COATING SPECIALISTS, INC. (M.C.S.)  
 ADDRESS: 1001 MT. LEBANON RD.  
 CEDAR HILL, TX 75104  
 EMERGENCY 24 HR. TELEPHONE NUMBER: (972) 291-7474  
 OTHER INFORMATION CALLS: (972) 291-7474

## SECTION 1 - IDENTIFY

TRADE NAME AND SYNONYMS: ABS-65  
 C.A.S. NUMBER: NONE MIXTURE  
 CHEMICAL NAME: EMULSIFIED ASPHALT  
 CHEMICAL FAMILY: PETROLEUM HYDROCARBON  
 FORMULA: VARIABLE MIXTURE

## SECTION 2 - INGREDIENTS

PRINCIPAL HAZARDOUS COMPONENTS (CHEMICAL & COMMON NAMES)	%	THRESHOLD LIMIT VALUE (UNITS)
NONE KNOWN		

OTHER INGREDIENTS ASPHALT, PETROLEUM 008052-42-4	60	5.00 mg/m <sup>3</sup>
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## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: 212 DEG. F.      SPECIFIC GRAVITY (H2O=1.00): .97 - 1.03  
 VAPOR PRESSURE (mmHg): N/D      VAPOR DENSITY (AIR @ 1): > 1  
 PERCENT VOLATILE BY VOLUME: 30 - 43      EVAP. RATE (H2O = 1.00): 1  
 APPEARANCE AND ODOR: LOW VISCOSITY, SMOOTH BROWN LIQUID, SLIGHT PETROLEUM ODOR

## SECTION 4 - FIRE AND EXPLOSION

FLASH POINT: N/A IN EMULSION STATE      AUTO IGNITION TEMP: N/A  
 FLAMMABLE LIMITS IN AIR % BY VOLUME:      LOWER: N/A      UPPER: N/A  
 EXTINGUISHER MEDIA: NON-FLAMMABLE IN EMULSION STATE  
 \*NOTE\* IN ASPHALT STATE: SMALL FIRES USE DRY CHEMICAL, CO2, HALON, WATER SPRAY OR STANDARD FOAM. LARGE FIRES USE WATER SPRAY, FOG OR STANDARD FOAM. (1987 EMERGENCY RESPONSE GUIDEBOOK, D.O.T. P3800.4 GUIDE NO. 27)  
 SPECIAL FIRE FIGHTING PROCEDURES: NON-FLAMMABLE IN EMULSION STATE  
 \*NOTE\* IN ASPHALT STATE: MOVE VESSEL FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. COOL CONTAINERS THAT ARE EXPOSED TO FLAMES WITH WATER FROM THE SIDE UNTIL WELL AFTER THE FIRE IS OUT. STAY AWAY FROM ENDS OF TANK FOR MASSIVE FIRE IN CARGO AREA, USE UNMANNED HOSE HOLDER OR MONITOR NOZZLES; IF THIS IS IMPOSSIBLE, WITHDRAW FROM AREA AND LET FIRE BURN. WITHDRAW IMMEDIATELY IN CASE OF RISING SOUND FROM VENTING SAFETY DEVICE OR ANY DISCOLORATION OF TANK DUE TO FIRE. (1987 EMERGENCY RESPONSE GUIDEBOOK, D.O.T. P3800.4 GUIDE NO. 27)

## SECTION 5 - PHYSICAL HAZARDS

MATERIAL IS: STABLE  
 CONDITIONS TO AVOID: NONE  
 INCOMPATIBILITY (MATERIALS TO AVOID): NONE  
 HAZARDOUS POLYMERIZATION WILL: NOT OCCUR

## SECTION 6 - HEALTH HAZARDS

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN.  
 ASPHALT EMULSIONS HAVE NOT BEEN INVESTIGATED AS POSSIBLE CARCINOGENS. PETROLEUM ASPHALT WOULD BE AS FOLLOWS:  
 NAT. TOXICOLOGY PROGRAM NO  
 OSHA      YES  
 I.A.R.C.      \*UNDETERMINED

\*EXPLANATION: IARC MONOGRAPHS - JAN. 1985 - THE STUDY INDICATES THERE IS SUFFICIENT EVIDENCE FOR CARCINOGENICITY IN ANIMALS FROM EXPOSURE TO EXTRACTS OF STEAM-REFINED BITUMENS, AIR-REFINED BITUMENS AND MIXTURES OF STEAM-REFINED AND AIR-DEFINED BITUMENS. DUE TO INADEQUATE EVIDENCE IN HUMANS, BUT SUFFICIENT EVIDENCE IN ANIMALS, BITUMEN IS CONSIDERED BY OSHA AS IF IT PRESENTS A CARCINOGENIC RISK TO HUMANS. THERE IS INADEQUATE EVIDENCE THAT BITUMENS ALONE ARE CARCINOGENIC TO HUMANS.

# ARE-68

## ASPHALT RECYCLING EMULSION

### INTRODUCTION

**ARE-68** is a specialized emulsion recycling agent designed to restore old asphalt to like new or superior properties. Your street department will be able to save money by recycling and rebuilding the old asphalt.

### BENEFITS

- Cuts road building time
- Saves money with recycling
- Saves hauling in raw material
- Cuts labor cost
- Builds stronger road base and parking lots
- Builds flexible road base
- Rejuvenates, stabilizes, cements, & waterproofs
- Environmentally friendly
- Restores base integrity
- Increases load bearing strength
- Makes roads last longer
- Use old asphalt in place of recycling

### APPLICATION

1. Blade or mill the asphalt surface to a depth of 6 inches (8 inches where heavy load-bearing strength is needed).
2. Apply diluted **ARE-68** to the asphalt surface; incorporate it with the mixer machine and blade.
3. Re-apply diluted **ARE-68** and mix with the mixer machine and blade a second time.
4. Start laying down the road base in 2-inch lifts and compacts with a sheepfoot, rubber tire and flat wheel vibrating compactor.
5. Do final blading to shape the road and finish rolling with a steel roller.
6. A mixture of 1 part **ARE-68** to 2-5 parts water can be sprayed on top of the road for a fog seal prime.
7. Let the base cure for 48 hours before placing a final riding surface of seal-coat, asphalt or concrete.

**BUILDS A STRONGER MORE COST EFFICIENT ROAD**



**MOLECULAR COATING SPECIALIST, Inc.**  
P.O. BOX 2439 CEDAR HILL, TX 75106 Ph. 972 291 7474 FAX 972 291 6224  
Copyright 1990, Molecular Coating Specialist, Inc.

**ARE-68**  
**SPECIFICATION FOR**  
**ASPHALT RECYLING AGENT**

The Emulsion is designed to be a recycling agent to be mixed at ambient temperature with existing in-place asphalt, native or selective material and or Recycled Asphalt Pavement (R.A.P.) material. This product will be a water miscible emulsion.

**SPECIFICATIONS**

	<u>Min.</u>	<u>Max.</u>
<b><u>TEST ON EMULSION</u></b>		
Viscosity Saybot Furol @ 122F.	-	185
Sieve %	-	1.0
Particle Charge	positive	
Specific Gravity @ 77 F.	.910	1.16
Cement Mixing Test 244.33 (ASTM)	passing	
<b><u>DISTILLATION</u></b>		
Residue; % from Distillation @ 325F.	60	68
<b><u>TEST ON RESIDUE FROM DISTILLATION</u></b>		
Penetration, 77F. Extrapolation function	1400	-
Asphaltene, %	3.1	10.1
Resins, # wt.	1.2	8.9
Cyclics	65.0	95.0
Saturates	2.8	18.3
Flash Point C.O.C. degrees F.	400F.	-

Asphaltene, Resins, Cyclics, Saturates content must be specifically formulated based on laboratory data of existing material in relation to rejuvenation demand and any added R.A.P. material.

Laboratory tests will be taken of streets to be recycled. Application rates of the recycling agent must be determined by lab test and data before starting every recycle job. Lab test data will become property of the Road Department. Supplier shall provide field supervision during application of the product as requested by the Road Department. Supplier must furnish tanker. All costs for testing and supervision will be paid by supplier. Supplier shall furnish a sample of lab test data at the time of bidding for the recycling agent as related to sample street. At time of bidding Supplier shall furnish a list with names and phone numbers of three agencies whose approval of this product has been obtained and who can verify satisfactory results. Literature describing the product must be included at time of bidding.

**FOR INFORMATION RELATIVE TO MATERIAL CONTACT:**  
**M.C.S. P.O. Box 2439 Cedar Hill, Texas 75106-2439 (972) 291-7474**

# MATERIAL SAFETY DATA SHEET

REV. DATE 9/30/99

QUICK IDENTIFIER: ROAD BUILDING EMULSION  
 MANUFACTURER'S NAME: MOLECULAR COATING SPECIALTIES, INC. (M.C.S.)  
 ADDRESS: 1801 MT. LEBANON  
 CEDAR HILL, TX 75104  
 EMERGENCY 24 HR. TELEPHONE NUMBER: (972) 291-7474  
 OTHER INFORMATION CALL: (972) 291-7474

## SECTION 1 - IDENTIFY

TRADE NAME AND SYNONYMS: ARE-68 Recycling Emulsion  
 C.A.S. NUMBER: NONE, MIXTURE  
 CHEMICAL NAME: EMULSIFIED ASPHALT  
 CHEMICAL FAMILY: PETROLEUM HYDROCARBON  
 FORMULA: VARIABLE MIXTURE

## SECTION 2 - INGREDIENTS

PRINCIPAL HAZARDOUS COMPONENTS (CHEMICAL & COMMON NAMES)	%	THRESHOLD LIMIT VALUE (UNITS)
NONE UNKNOWN		

OTHER INGREDIENTS ASPHALT, PETROLEUM 68033-43-4	60	5.00 mg/m <sup>3</sup>
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## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: 212 DEG. F.      SPECIFIC GRAVITY (H<sub>2</sub>O-1.00): .95 - 1.03  
 VAPOR PRESSURE (mmHg): ND      VAPOR DENSITY (AIR @ 1): > 1  
 PERCENT VOLATILE BY VOLUME: 30-43      EVAP. RATE (H<sub>2</sub>O - 1.00): 1  
 APPEARANCE AND ODOR: LOW VISCOSITY, SMOOTH BROWN LIQUID, SLIGHT PETROLEUM ODOR

## SECTION 4 - FIRE AND EXPLOSION

FLASH POINT: N/A IN EMULSION STATE AUTO IGNITION TEMP: N/A  
 FLAMMABLE LIMITS IN AIR % BY VOLUME: LOWER: N/A      UPPER: N/A  
 EXTINGUISHER MEDIA: NON-FLAMMABLE IN EMULSION STATE \*NOTE, IN ASPHALT STATE: SMALL FIRES USE DRY CHEMICAL, CO<sub>2</sub>, HALON, WATER SPRAY OR STANDARD FOAM. LARGE FIRES USE WATER SPRAY, FOG OR STANDARD FOAM. (1987 EMERGENCY RESPONSE GUIDEBOOK, D.O.T. PS8004 GUIDE NO. 27)  
 SPECIAL FIRE FIGHTING PROCEDURES: NON-FLAMMABLE IN EMULSION STATE.  
 \*NOTE: IN ASPHALT STATE: MOVE VESSEL FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. COOL CONTAINERS THAT ARE EXPOSED TO FLAMES WITH WATER FROM THE SIDE UNTIL WELL AFTER THE FIRE IS OUT. STAY AWAY FROM ENDS OF TANK. FOR MASSIVE FIRE IN CARGO AREA, USE UNMANNED HOSE HOLDER OR MONITOR NOZZLES; IF THIS IS IMPOSSIBLE, WITHDRAW FROM AREA AND LET FIRE BURN. WITHDRAW IMMEDIATELY IN CASE OF RISING SOUND FROM VENTING SAFETY DEVICE OR ANY DISCOLORATION OF TANK DUE TO FIRE. (1987 EMERGENCY RESPONSE GUIDEBOOK D.O.T. PS8004 GUIDE NO. 27)

## SECTION 5 - PHYSICAL HAZARDS

MATERIAL IS: STABLE  
 CONDITIONS TO AVOID: NONE  
 INCOMPATIBILITY (MATERIALS TO AVOID): NONE  
 HAZARDOUS POLYMERIZATION WELL: NOT OCCUR  
 CONDITIONS TO AVOID: NONE

## SECTION 6 - HEALTH HAZARDS

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN.  
 ASPHALT EMULSIONS HAVE NOT BEEN INVESTIGATED AS POSSIBLE CARCINOGENS.  
 PETROLEUM ASPHALT WOULD BE AS FOLLOWS:

NAT. TOXICOLOGY PROGRAM NO

OSHA  
 IARC.

YES

\*UNDETERMINED

\*EXPLANATION: IARC MONOGRAPHS - JAN. 1985 - THE STUDY INDICATES THERE IS SUFFICIENT EVIDENCE FOR CARCINOGENICITY IN ANIMALS FROM EXPOSURE TO EXTRACTS OF STEAM-REFINED BITUMENS, AIR-REFINED BITUMENS AND MIXTURES OF STEAM-REFINED AND AIR-REFINED BITUMENS. DUE TO INADEQUATE EVIDENCE IN HUMANS, BUT SUFFICIENT EVIDENCE IN ANIMALS, BITUMEN IS CONSIDERED BY OSHA AS IF IT PRESENTS A CARCINOGENIC RISK TO HUMANS. THERE IS INADEQUATE EVIDENCE THAT BITUMENS ALONE ARE CARCINOGENIC TO HUMANS.

**WILLIAMSON COUNTY BID FORM****ASPHALT ANNUAL CONTRACT**

BID NUMBER: 01WCA002

BID OPENING DATE &amp; TIME: AUGUST 9, 2000 – 3:00 PM

CONTRACT PERIOD: OCTOBER 1, 2000 THRU SEPTEMBER 30, 2001

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with the terms and conditions of the attached Invitation for Bid, Specifications, and Special Provisions for the amount(s) shown on the accompanying bid sheet(s). By signing below, you have read the entire document and agreed to the terms therein.

NAME OF BIDDER: Performance Grade AsphaltMailing Address: P.O. Box 757City: La Marque State: TX Zip: 77568Telephone: (409) 986-7740 Fax: (409) 986-7950  
Signature of Person Authorized to Sign BIDDate of BID: 8-9-00Name and Title of Signer: Ron Crowder President

(Please Print or Type)

**PLEASE COMPLETE THE FOLLOWING:**

Prompt Payment Discount: \_\_\_\_\_% \_\_\_\_\_days. (If no discount is offered, Net 30 will apply.)

[ ] "all or none" basis. (Will accept award of "all" items only. If left blank, low item will apply.)

[xx] low item basis. (Will accept award on "any or all" items.)

List Additional Limitations if applicable: \_\_\_\_\_

**DO NOT SIGN OR SUBMIT THIS FORM**  
**WITHOUT READING ENTIRE DOCUMENT**

**THIS FORM MUST BE COMPLETED, SIGNED AND RETURNED WITH BID**

**WILLIAMSON COUNTY**  
**BID SPECIFICATIONS/BID SHEETS**  
**ASPHALT ANNUAL CONTRACT**

**BID NUMBER: 01WCA002      BID OPENING DATE & TIME: AUGUST 9, 2000 – 3:00 PM**

**CONTRACT PERIOD: OCTOBER 1, 2000 THRU SEPTEMBER 30, 2001**

ALL ITEMS MUST CONFORM TO TxDOT 1993 STANDARDS.

ALL ITEMS ARE SUBJECT TO TESTING.

ALL ITEMS WILL BE ORDERED ON AN "AS NEEDED" BASIS.

ALL QUANTITIES SHOWN ARE ESTIMATED QUANTITIES. THE ACTUAL QUANTITY PURCHASED MAY BE MORE OR LESS. THE COUNTY IS NOT OBLIGATED TO PURCHASE ANY MINIMUM AMOUNT AND THE COUNTY MAY PURCHASE ANY REASONABLE AMOUNT GREATER THAN THE ESTIMATE FOR THE SAME UNIT PRICE.

SPECIFY F.O.B. SITES.

ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
1	Black Base, TxDot Item 330, Type A To reach 95% Lab density		as needed	Ton		
2	Asphalt Concrete, TxDot Item 330, Type C To reach 95% Lab density		8,000	Ton		
3	Hot Mix Cold Lay, TxDot Item 334, Type D To reach 95% Lab density		as needed	Ton		
4	Hot Mix Cold Lay Black Base, TxDot Item 334, Type A To reach 95% Lab density		as needed	Ton		
5	AC-5 TxDot Item 300.2, Table 1		as needed	Ton		
6	Ac-10 TxDot Item 300.2, Table 1		as needed	Ton	\$ .895	
7	RC-250 TxDot Item 300.2, Table 4		10,000	Gal		
8	MC-30 TxDot Item 300.2, Table 5		as needed	Gal		
9	HFRS-2 OR <u>CRS-2</u> TxDot Item 300.2, Table 7 & 8, Circle the one you are bidding		100,000	Gal	.715	\$71,500.00

ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
10	HFRS-2P OR CRS-2P TxDot Item 300.2, Table 9, Circle the one you are bidding		as needed	Gal	.85	
11	SS-1 Emulsion		as needed	Gal	.715	
BID TOTAL						



**WILLIAMSON COUNTY BID FORM**  
**ASPHALT ANNUAL CONTRACT**

BID NUMBER: 01WCA002      BID OPENING DATE & TIME: AUGUST 9, 2000 – 3:00 PM

CONTRACT PERIOD: OCTOBER 1, 2000 THRU SEPTEMBER 30, 2001

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with the terms and conditions of the attached Invitation for Bid, Specifications, and Special Provisions for the amount(s) shown on the accompanying bid sheet(s). By signing below, you have read the entire document and agreed to the terms therein.

NAME OF BIDDER: Vulcan Construction Materials, LP

Mailing Address: P. O. Box 791550

City: San Antonio      State: Texas      Zip: 78279-1550

Telephone: ( 210 ) 524-3500      Fax: ( 210 ) 524-3555

Pat Kerry      Date of BID: 8/2/00  
Signature of Person Authorized to Sign BID

Name and Title of Signer: Pat Kerry, Sales Manager  
(Please Print or Type)

**PLEASE COMPLETE THE FOLLOWING:**

Prompt Payment Discount: Net % 30 days. (If no discount is offered, Net 30 will apply.)

[ ] "all or none" basis. (Will accept award of "all" items only. If left blank, low item will apply.)

[ x ] low item basis. (Will accept award on "any or all" items.)

List Additional Limitations if applicable: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**DO NOT SIGN OR SUBMIT THIS FORM**  
**WITHOUT READING ENTIRE DOCUMENT**

**THIS FORM MUST BE COMPLETED, SIGNED AND RETURNED WITH BID**

**WILLIAMSON COUNTY**  
**BID SPECIFICATIONS/BID SHEETS**  
**ASPHALT ANNUAL CONTRACT**

**BID NUMBER: 01WCA002**

**BID OPENING DATE & TIME: AUGUST 9, 2000 – 3:00 PM**

**CONTRACT PERIOD: OCTOBER 1, 2000 THRU SEPTEMBER 30, 2001**

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ALL ITEMS ARE SUBJECT TO TESTING.

ALL ITEMS WILL BE ORDERED ON AN "AS NEEDED" BASIS.

ALL QUANTITIES SHOWN ARE **ESTIMATED QUANTITIES**. THE ACTUAL QUANTITY PURCHASED MAY BE MORE OR LESS. THE COUNTY IS NOT OBLIGATED TO PURCHASE ANY MINIMUM AMOUNT AND THE COUNTY MAY PURCHASE ANY REASONABLE AMOUNT GREATER THAN THE ESTIMATE FOR THE SAME UNIT PRICE.

SPECIFY F.O.B. SITES.

ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
1	Black Base, TxDot Item 330, Type A To reach 95% Lab density		as needed	Ton		See Next Page
2	Asphalt Concrete, TxDot Item 330, Type C To reach 95% Lab density		8,000	Ton		See Next Page
3	Hot Mix Cold Lay, TxDot Item 334, Type D To reach 95% Lab density		as needed	Ton		NO BID
4	Hot Mix Cold Lay Black Base, TxDot Item 334, Type A To reach 95% Lab density		as needed	Ton		NO BID
5	AC-5 TxDot Item 300.2, Table 1		as needed	Ton		NO BID
6	Ac-10 TxDot Item 300.2, Table 1		as needed	Ton		NO BID
7	RC-250 TxDot Item 300.2, Table 4		10,000	Gal		NO BID
8	MC-30 TxDot Item 300.2, Table 5		as needed	Gal		NO BID
9	HFRS-2 OR CRS-2, TxDot Item 300.2, Table 7 & 8, <b>Circle the one you are bidding</b>		100,000	Gal		NO BID

ITEM #	DESCRIPTION	F.O.B. SITE	QTY	UNIT	UNIT PRICE	EXTENSION
10	HFRS-2P OR CRS-2P TxDot Item 300.2, Table 9, <b>Circle the one you are bidding</b>		as needed	Gal		NO BID
11	SS-1 Emulsion		as needed	Gal		NO BID
						<b>BID TOTAL</b>

Items 1 & 2

<u>Truck Delivery</u>	<u>Unit Price/Ton</u>
Grainger	\$34.88 Ton
Florence	\$34.88 Ton
Liberty Hill	\$34.01 Ton
Taylor	\$33.58 Ton

# **CONCRETE**

# **LABOR**

**CONCRETE LABOR**

Edd Fulkes

**WILLIAMSON COUNTY BID FORM  
CONCRETE LABOR ANNUAL CONTRACT**

**BID NUMBER:** 01WCA004

**BID OPENING DATE & TIME:** AUGUST 9, 2000 - 3:00 PM

**CONTRACT PERIOD:** OCTOBER 1, 2000 THRU SEPTEMBER 30, 2001

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with the terms and conditions of the attached Invitation for Bid, Specifications, and Special Provisions for the amount(s) shown on the accompanying bid sheet(s). By signing below, you have read the entire document and agreed to the terms therein.

**NAME OF BIDDER:** Edd Fulkes

**Mailing Address:** 23510 Nameless Rd.

**City:** Leander **State:** Tx **Zip:** 78641

**Telephone:** (512) 267-2776 **Fax:** (512) 267-0536

**Signature of Person Authorized to Sign BID:** Edd Fulkes **Date of BID:** July 28 00

**Name and Title of Signer:** Edd Fulkes Owner  
(Please Print or Type)

**PLEASE COMPLETE THE FOLLOWING:**

**Prompt Payment Discount:** \_\_\_\_\_ % \_\_\_\_\_ days. (If no discount is offered, Net 30 will apply.)

☒ "all or none" basis. (Will accept award of "all" items only. If left blank, low item will apply.)

☐ low item basis. (Will accept award on "any or all" items.)

**List Additional Limitations if applicable:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**DO NOT SIGN OR SUBMIT THIS FORM  
WITHOUT READING ENTIRE DOCUMENT**

**THIS FORM MUST BE COMPLETED, SIGNED AND RETURNED WITH BID**

~~ORIGINAL~~ Copy

WILLIAMSON COUNTY

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BID SPECIFICATIONS/BID SHEETS

CONCRETE LABOR ANNUAL CONTRACT

BID NUMBER: 01WCA004

BID OPENING DATE & TIME: AUGUST 9, 2000 - 3:00 PM

CONTRACT PERIOD: OCTOBER 1, 2000 THRU SEPTEMBER 30, 2001

THE SERVICE DESCRIBED UNDER THIS SPECIFICATION AND BID SHEET IS FOR LABOR ONLY.

ALL LABOR WILL BE ORDERED ON AN "AS NEEDED" BASIS.

ITEM #	DESCRIPTION	UNIT	UNIT PRICE
1	Sidewalks, Up to 1000 square feet Minimum:	square foot	\$ 1.30
2	Sidewalks, Over 1000 square feet	square foot	\$ 1.20
3	Rip Rap Minimum: 500 sq ft	square foot	\$ 1.60
4	Head Walls, Up to 36" pipe	linear foot	\$ 32.00
5	Head Walls, Over 36"	linear foot	\$ 6 per ft or height
6	Flat Work, Over 1000 square feet	square foot	\$ 1.25

CONCRETE LABOR  
ATTACHMENT

Page 1 of 1

VENDOR NAME:

Edd Fulkes  
Edd Fucker

# **CONCRETE READY MIX**