

# BLANKET PURCHASE ORDER

## STATE OF MARYLAND

\*\*\*\*\* STATE OF MARYLAND \*\*\*\*\*

**BPO NO:** 001B9400037

**PRINT DATE:** 11/01/18

**PAGE:** 01

### SHIP TO:

AS SPECIFIED ON INDIVIDUAL ORDERS

### VENDOR ID:

CERES ENVIRONMENTAL SERVICES INC  
3825 85TH AVE NORTH

BROOKLYN PARK, MN 55443  
(800 )218-4424

### REFER QUESTIONS TO:

DANNY MAYS  
(410 )767-3586  
DANNY.MAYS@MARYLAND.GOV

### ITB:

**EXPR DATE:** 08/31/21  
**POST DATE:** 09/20/18

**DISCOUNT TERMS:** . NET 30 DAY  
**CONTRACT AMOUNT:** .00

### TERMS:

ARTICLES HEREIN ARE EXEMPT FROM MARYLAND SALES AND USE TAXES BY EXEMPTION CERTIFICATE NUMBER 3000256-3 AND FROM FEDERAL EXCISE TAXES BY EXEMPTION NUMBER 52-73-0358K. IT IS THE VENDOR'S RESPONSIBILITY TO ADVISE COMMON CARRIERS THAT AGENCIES OF THE STATE OF MARYLAND ARE EXEMPT FROM TRANSPORTATION TAX.

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\*\*\*\*\*

EMERGENCY DEBRIS REMOVAL  
FOR  
STATEWIDE CONTRACT

\*\*\*\*\*  
\*\*\*\*\*

THIS CONTRACT IS FOR THREE (3) YRS W/TWO (2) ONE (1) YR RENEWAL  
OPTIONS, BEGINNING 10/1/18 THROUGH 9/30/21.

VENDOR: CERES ENVIRONMENTAL SERVICES, INC.  
VENDOR CONTACT: DAWN BROWN  
VENDOR NUMBER: 800-218-4424  
VENDOR EMAIL: DAWN.BROWN@CERESENV.COM

FUNDING WILL BE PROVIDED BY AGENCIES INITIATING TASK ORDERS ON AN AS  
NEEDED BASIS.

ON CALL VENDOR TO PROVIDE  
DEBRIS REMOVAL IN EMERGENCY SITUATIONS  
FOR ALL REGIONS A,B, C, D AND E AND DIVIDED INTO  
FOUR (4) TIERS...TIERS 2 - 4

EACH TIER HAS A SPECIFIED RESPONSE TIME.  
TASK ORDERS MAY COME FROM A COMBINATION OF AUTHORIZED AGENCIES,  
INCLUDING STATE AGENCIES AND POLITICAL SUBDIVISIONS OF THE STATE WHICH  
MAY BE CITIES, COUNTIES, AND TOWNS (HEREINAFTER REFERRED TO AS  
AGENCIES) OR AUTHORIZED USERS.

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### TERMS (cont'd):

THE CONTRACTOR SHALL PROVIDE:

ALL SERVICE AND REPAIRS TO KEEP ITS EQUIPMENT RUNNING FOR THE ENTIRE EVENT AND UNTIL RELEASED BY THE RESPONSIBLE ADMINISTRATION SUPERVISOR

THE CONTRACTOR SHALL REPORT TO THE ADMINISTRATION WHEN ITS EQUIPMENT IS DOWN FOR REPAIRS AND WHEN THE REPAIRS HAVE BEEN COMPLETED AND THE EQUIPMENT IS OPERATIONAL.

THE ADMINISTRATION WILL NOT COMPENSATE FOR DOWNTIME ON TRUCKS AND EQUIPMENT THAT EXTENDS BEYOND ONE HOUR. IF THE CONTRACTORS EQUIPMENT IS REPAIRED AND RETURNS TO DUTY WITHIN THE HOUR OF IT BEING REPORTED COMPENSATION WILL CONTINUE WITHOUT STOPPAGE.

### TASK ORDER:

EACH REQUIRED SERVICE SHALL BE SUMMARIZED IN A TASK ORDER REQUEST (TOR) THAT WILL BE ISSUED, AS NEEDED, THROUGHOUT THE TERM OF THE DGS MASTER CONTRACT. THE CONTRACTORS PLACED ON THE DGS MASTER CONTRACT SHALL BE ASKED TO RESPOND TO A TASK ORDER REQUEST. TASK ORDER REQUEST SHALL INITIALLY BE SENT TO THE LOWEST BIDDER BASED ON THE PRICES RECEIVED FOR THIS SOLICITATION. IF THE CONTRACTOR DECLINES, THE AGENCY SHALL CONTINUE MOVING DOWN THE LIST OF PRE-QUALIFIED CONTRACTORS BASED ON PRICES RECEIVED IN THE ORIGINAL SOLICITATION. A TASK ORDER RESPONSE SHALL BE GENERATED BY THE CONTRACTOR EXPLAINING HOW THE TASK WILL BE ACCOMPLISHED TO INCLUDE CATEGORIES, I.E., EQUIPMENT, LABOR, ETC. PREVIOUSLY APPROVED IN THE MASTER CONTRACT. A SPECIFIC TASK ORDER AGREEMENT SHALL THEN BE ENTERED INTO BETWEEN THE AGENCY AND THE CONTRACTOR, WHICH WILL BIND THE CONTRACTOR TO THE CONTENT OF ITS TASK ORDER RESPONSE, INCLUDING ITEMS PREVIOUSLY APPROVED BY MASTER CONTRACT FOR THE TASK. NEITHER A TASK ORDER, A TASK ORDER REQUEST, A CONTRACTOR'S RESPONSE TO A TASK ORDER REQUEST, NOR A TASK ORDER AGREEMENT, SHALL IN ANY WAY CONFLICT WITH OR SUPERSEDE THE DGS MASTER CONTRACT.

TASK ORDER REQUESTS INITIATED BY THE AGENCY SHALL DEFINE THE SCOPE AND REQUIREMENTS. AT A MINIMUM, EACH TASK ORDER REQUEST WILL CONTAIN THE FOLLOWING INFORMATION:

1. THE DUE DATE, TIME, AND PLACE FOR RESPONDING TO THE TASK ORDER;
2. TECHNICAL REQUIREMENTS;
3. PERFORMANCE OBJECTIVES;
4. SPECIFIC INFORMATION TO BE PROVIDED AS REQUESTED BY THE DEBRIS

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\*\*\*\*\* STATE OF MARYLAND \*\*\*\*\*

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**TERMS (cont'd):**

PROJECT MGR;

5. LIST OF EQUIPMENT NEEDED FOR TASK;
6. ESTIMATE OF VOLUME (OR TONNAGE) OF DEBRIS TO BE HANDLED;
7. ESTIMATE OF VOLUME (OR TONNAGE) OF DEBRIS TO BE RECYCLED;
8. AGENCY CONTACT (HIRING AGENCY);
9. TRAFFIC STANDARDS, WHERE APPLICABLE;
10. SAFETY REQUIREMENTS.

FAILURE TO PROVIDE AUDIT QUALITY INFORMATION IN THE TASK ORDER RESPONSE AND SUBSEQUENT INVOICES SHALL SUBJECT THE CONTRACTOR TO NON-PAYMENT IN EACH INSTANCE AT THE SOLE DISCRETION OF THE AGENCY. CONTRACTORS MUST BE CAPABLE OF ASSEMBLING, DIRECTING, AND MANAGING A WORK FORCE THAT CAN COMPLETE THE CLEARING AND REMOVAL OF DEBRIS ACCUMULATION FROM ANY COMBINATION OF AGENCIES IN IDENTIFIED REGIONS IN AN EXPEDITIOUS MANNER AS SPECIFIED IN THE TASK ORDER WITHIN THE TIME FRAME OUTLINED IN THE TASK ORDER. AUTHORIZED AGENCIES INCLUDE STATE AGENCIES AND POLITICAL SUBDIVISIONS OF THE STATE WHICH MAY BE CITIES, COUNTIES AND TOWNS (HEREINAFTER REFERRED TO AS AGENCIES) OR AUTHORIZED USERS. IF A CONTRACTOR ACCEPTS A TASK ORDER(S), THE CONTRACTOR MUST PROVIDE EVIDENCE TO ALL INTERESTED AGENCIES SHOWING THAT THE ASSEMBLED WORKFORCE CAN UNDERTAKE THE ADDITIONAL WORK WITHOUT JEOPARDIZING THE THE ABOVE TIME REQUIREMENTS.

ALL WORK MUST BE PERFORMED AND/OR THE BIDDER IS REQUIRED TO HAVE COMPLETED DEBRIS REMOVAL SERVICE IN COMPLIANCE WITH FEMA GUIDANCE AND POLICIES FOUND IN PUBLIC ASSISTANCE DEBRIS MANAGEMENT GUIDE, FEMA-325, JULY 2007 AND THE 9500 SERIES AND ASSOCIATED AMENDMENTS. (2 C.F.R. §200.326 AND 2 C.F.R. PAT 200 APPENDIX II. 2017 PA PROGRAM AND POLICY GUIDE (PAPPG) [V2.0] THE 2017 PAPPG (V2.0) IS APPLICABLE TO ALL EMERGENCIES AND MAJOR DISASTERS DECLARED ON OR AFTER APRIL 1, 2017. IT SUPERSEDES THE 2016 PAPPG PUBLISHED ON JANUARY 1, 2016.

THE DEPARTMENT OF GENERAL SERVICES "TERMS AND CONDITIONS" FOR COMMODITY CONTRACTS OVER \$25,000" AND ALL SPECIFICATIONS, TERMS AND CONDITIONS OF SOLICITATION #MDDGS31036317 INCORPORATED HEREIN BY REFERENCE.

SEE ATTACHED PRICE LIST ON WEBSITE.

# BLANKET PURCHASE ORDER

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<u>LINE #</u>	<u>STATE ITEM ID</u>	<u>U/M</u>	<u>UNIT COST</u>	
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0001	96871	EA	600,000.0000	
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SOLID WASTE DISPOSAL

END OF ITEM LIST

THE BLANKET PURCHASE ORDER (BPO) ISSUED AS A RESULT OF THE INVITATION TO BID (ITB) AND ANY SUBSEQUENT AMENDMENTS, MODIFICATIONS OR OPTIONS ISSUED RELEVANT TO THE ITB OR BPO, SHALL COMPLY WITH ALL OF THE TERMS, CONDITIONS AND SPECIFICATIONS ISSUED WITH THE ITB AND ARE INCORPORATED IN AND MADE PART OF THE BPO.

IF THE STATE OF MARYLAND OR OTHER REGULATORY BODY REQUIRES A LICENSE OR CERTIFICATE TO PERFORM THE SERVICES REQUIRED, PLEASE PROVIDE THE LICENSE NUMBER AND DATE OF ISSUANCE.

LICENSE NUMBER

DATE OF EXPIRATION

IF YOU ARE A DEPARTMENT OF TRANSPORTATION CERTIFIED MINORITY BUSINESS, PLEASE PROVIDE YOUR CERTIFICATION NUMBER.

MDOT'S MBE CERTIFICATION NUMBER

\*\*\*\*\* LAST PAGE \*\*\*\*\*

AUTHORIZED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

BUYER AUTHORIZED DESIGNEE

EXHIBIT A

Tier 1 Bid form

District 1

Bid Item	Description	Unit	Price	Quantity	Extended Price
1	Crew (foreman, laborer, tree climber, bucket truck, chipper truck)	hr		140	
2	Small rubber tire Skid Steer w/ operator	hr		140	
3	Rubber tire loader w/ 3-4 cy bucket or grappling bucket & operator	hr			
4	Rubber tire loader w/ 4-7 cy bucket or grappling bucket & operator	hr			
5	Rubber tire loader w/ >7 cy bucket or grappling bucket & operator	hr			
6	Rubber track excavator w/ claw & 1-1/2 cy bucket w/ operator	hr			
7	Steel track excavator w/ claw & 1-1/2 cy bucket w/ operator	hr			
8	Light Plants (two lamp)	hr			
9	Clear Debris from Travel Lane	lane miles			
10	Travel Lane Debris Reduction by Chipping	lane miles			
11	Removal of Tree Limbs less than 6 inch diameter	each			
12	Removal of tree limbs greater than 6 inch diameter	each			
13	Tree removal less than 18 inch diameter	each			
14	Tree removal 18-36 inch diameter	each			
15	Tree removal greater than 36 inch diameter	each			
16	Grind or remove tree stump 12-24 inch diameter	each			
17	Grind or remove tree stump 24-36 inch diameter	each			
18	Grind or remove tree stump 36-48 inch diameter	each			
19	Grind or remove tree stump over 48 inch diameter	each			
20	Drainage ditch debris removal width less than 4 ft	cy			
21	Drainage ditch debris removal width 4-8 ft	cy			
22	Drainage ditch debris removal width greater than 8 ft	cy			
23	Debris removal from Drainage Inlet	each			
24	Reduced Debris removal & haul less than 15 miles	cy			
25	Unreduced debris removal & haul less than 15 miles	cy			
26	Reduced Debris removal & haul 16-30 miles	cy			
27	Unreduced debris removal & haul 16-30 miles	cy			
28	Reduced Debris removal & haul 31-60 miles	cy			
29	Unreduced debris removal & haul 31-60 miles	cy			
30	Reduced Debris removal & haul 61-90 miles	cy			
31	Unreduced debris removal & haul 61-90 miles	cy			
32	Reduced Debris removal & haul 91-120 miles	cy			
33	Unreduced debris removal & haul 91-120 miles	cy			
34	Set-up, operation and site restoration of TDSRS	cy			
35	Operation support of Agency TDSRS	day			
36	TDSRS Inspection Tower	each			
37	Portable truck weight certification scale	day			
38	Debris hauling from TDSRS less than 15 miles	cy			
39	Debris hauling from TDSRS 16-30 miles	cy			
40	Debris hauling from TDSRS 31-60 miles	cy			
41	Debris hauling from TDSRS 61-90 miles	cy			
42	Debris hauling from TDSRS 91-120 miles	cy			
43	Sorting salvagable and recyclable debris	cy			
44	Volume reduction by chipping or grinding	cy			
45	Volume reduction by air curtain incineration	cy			
46	Volume reduction by open air incineration	cy			
47	Dead animal carcass disposal	ton-miles			
Bid Subtotal					

N/A - Ceres is not a small business

Price Escalation Multipliers

Contractor to fill in proposed price escalator. He/she may choose from table on right (compounded rate of increase) or adopt his own. Multipliers will be placed upon all prices listed above for work in the corresponding contract year.

Proposed Multiplier		Rate of Escalation													
		0.00%	0.50%	1.00%	1.50%	2.00%	2.50%	3.00%	3.50%	4.00%	4.50%	5.00%	6.00%	7.00%	
1.0000	Year 1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
	Year 2	1.0000	1.0050	1.0100	1.0150	1.0200	1.0250	1.0300	1.0350	1.0400	1.0450	1.0500	1.0600	1.0700	
	Year 3	1.0000	1.0100	1.0201	1.0302	1.0404	1.0506	1.0609	1.0712	1.0816	1.0920	1.1025	1.1236	1.1449	
	Year 4	1.0000	1.0151	1.0303	1.0457	1.0612	1.0769	1.0927	1.1087	1.1249	1.1412	1.1576	1.1910	1.2250	
	Year 5	1.0000	1.0202	1.0406	1.0614	1.0824	1.1038	1.1255	1.1475	1.1699	1.1925	1.2155	1.2625	1.3108	

	Bid Subtotal (line 50 copied onto each line below)	Year Multiplier (from D57-D61)	Yearly Bid Price
Year 1		1.0000	
Year 2			
Year 3			
Year 4			
Year 5			
Total Bid Price (add F64+F65+F66+F67+F68)			

## Tier 2 Bid form

## District 1

Bid Item	Description	Unit	Price
1	Crew (foreman, laborer, tree climber, bucket truck, chipper truck)	hr	\$ 595.00
2	Small rubber tire Skid Steer w/ operator	hr	\$ 115.00
3	Rubber tire loader w/ 3-4 cy bucket or grappling bucket & operator	hr	\$ 175.00
4	Rubber tire loader w/ 4-7 cy bucket or grappling bucket & operator	hr	\$ 195.00
5	Rubber tire loader w/ >7 cy bucket or grappling bucket & operator	hr	
6	Rubber track excavator w/ claw & 1-1/2 cy bucket w/ operator	hr	\$ 325.00
7	Steel track excavator w/ claw & 1-1/2 cy bucket w/ operator	hr	\$ 265.00
8	Light Plants (two lamp)	hr	\$ 36.00
9	Clear Debris from Travel Lane	lane miles	\$ 575.00
10	Travel Lane Debris Reduction by Chipping	lane miles	\$ 895.00
11	Removal of Tree Limbs less than 6 inch diameter	each	\$ 121.50
12	Removal of tree limbs greater than 6 inch diameter	each	\$ 121.50
13	Tree removal less than 18 inch diameter	each	\$ 135.00
14	Tree removal 18-36 inch diameter	each	\$ 225.00
15	Tree removal greater than 36 inch diameter	each	
16	Grind or remove tree stump 12-24 inch diameter	each	\$ 135.00
17	Grind or remove tree stump 24-36 inch diameter	each	\$ 225.00
18	Grind or remove tree stump 36-48 inch diameter	each	\$ 315.00
19	Grind or remove tree stump over 48 inch diameter	each	\$ 405.00
20	Drainage ditch debris removal width less than 4 ft	cy	\$ 15.75
21	Drainage ditch debris removal width 4-8 ft	cy	\$ 17.06
22	Drainage ditch debris removal width greater than 8 ft	cy	\$ 13.05
23	Debris removal from Drainage Inlet	each	\$ 85.50
24	Reduced Debris removal & haul less than 15 miles	cy	\$ 6.46
25	Unreduced debris removal & haul less than 15 miles	cy	\$ 13.50
26	Reduced Debris removal & haul 16-30 miles	cy	\$ 7.36
27	Unreduced debris removal & haul 16-30 miles	cy	\$ 14.50
28	Reduced Debris removal & haul 31-60 miles	cy	\$ 8.26
29	Unreduced debris removal & haul 31-60 miles	cy	\$ 15.50
30	Reduced Debris removal & haul 61-90 miles	cy	

31	Unreduced debris removal & haul 61-90 miles	cy	
32	Reduced Debris removal & haul 91-120 miles	cy	
33	Unreduced debris removal & haul 91-120 miles	cy	
34	Set-up, operation and site restoration of TDSRS	cy	
35	Operation support of Agency TDSRS	day	
36	TDSRS Inspection Tower	each	
37	Portable truck weight certification scale	day	
38	Debris hauling from TDSRS less than 15 miles	cy	
39	Debris hauling from TDSRS 16-30 miles	cy	
40	Debris hauling from TDSRS 31-60 miles	cy	
41	Debris hauling from TDSRS 61-90 miles	cy	
42	Debris hauling from TDSRS 91-120 miles	cy	
43	Sorting salvagable and recyclable debris	cy	
44	Volume reduction by chipping or grinding	cy	
45	Volume reduction by air curtain incineration	cy	
46	Volume reduction by open air incineration	cy	
47	Dead animal carcass disposal	ton-miles	

#### Price Escalation Multipliers

Contractor to fill in proposed price escalator. He/she may choose from table on right (compounded rate of increase) or adopt his own. Multipliers will be placed upon all prices listed above for work in the corresponding contract year. Year 5 multiplier will be used for bid evaluation.

	<b>Bid Subtotal (line 50 copied onto each line below)</b>
Year 1	\$ 199,990.00
Year 2	\$ 203,789.81
Year 3	\$ 207,661.82
Year 4	\$ 211,607.39
Year 5	\$ 215,627.93

[illegible]



Bid Subtotal	\$ 199,990.00

Proposed Multiplier		0.00%	0.50%	1.00%	1.50%	2.00%
1.9%	Year 1	1.0000	1.0000	1.0000	1.0000	1.0000
1.9%	Year 2	1.0000	1.0050	1.0100	1.0150	1.0200
1.9%	Year 3	1.0000	1.0100	1.0201	1.0302	1.0404
1.9%	Year 4	1.0000	1.0151	1.0303	1.0457	1.0612
1.9%	Year 5	1.0000	1.0202	1.0406	1.0614	1.0824

Year Multiplier (from D57-D61)	Yearly Bid Price
0.0190	\$ 203,789.81
0.0190	\$ 207,661.82
0.0190	\$ 211,607.39
0.0190	\$ 215,627.93
0.0190	\$ 219,724.86
	<b>Total Bid Price</b> (add F64+F65+F66+F67+F68)



Rate of Escalation

2.50%	3.00%	3.50%	4.00%	4.50%	5.00%	6.00%	7.00%
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.0250	1.0300	1.0350	1.0400	1.0450	1.0500	1.0600	1.0700
1.0506	1.0609	1.0712	1.0816	1.0920	1.1025	1.1236	1.1449
1.0769	1.0927	1.1087	1.1249	1.1412	1.1576	1.1910	1.2250
1.1038	1.1255	1.1475	1.1699	1.1925	1.2155	1.2625	1.3108

## Tier 3 Bid form

## District 1

Bid Item	Description	Unit	Price
1	Crew (foreman, laborer, tree climber, bucket truck, chipper truck)	hr	\$ 595.00
2	Small rubber tire Skid Steer w/ operator	hr	\$ 115.00
3	Rubber tire loader w/ 3-4 cy bucket or grappling bucket & operator	hr	\$ 175.00
4	Rubber tire loader w/ 4-7 cy bucket or grappling bucket & operator	hr	
5	Rubber tire loader w/ >7 cy bucket or grappling bucket & operator	hr	
6	Rubber track excavator w/ claw & 1-1/2 cy bucket w/ operator	hr	\$ 195.00
7	Steel track excavator w/ claw & 1-1/2 cy bucket w/ operator	hr	
8	Light Plants (two lamp)	hr	\$ 29.00
9	Clear Debris from Travel Lane	lane miles	\$ 575.00
10	Travel Lane Debris Reduction by Chipping	lane miles	\$ 895.00
11	Removal of Tree Limbs less than 6 inch diameter	each	\$ 121.50
12	Removal of tree limbs greater than 6 inch diameter	each	\$ 121.50
13	Tree removal less than 18 inch diameter	each	\$ 135.00
14	Tree removal 18-36 inch diameter	each	\$ 225.00
15	Tree removal greater than 36 inch diameter	each	\$ 346.50
16	Grind or remove tree stump 12-24 inch diameter	each	\$ 135.00
17	Grind or remove tree stump 24-36 inch diameter	each	\$ 225.00
18	Grind or remove tree stump 36-48 inch diameter	each	\$ 315.00
19	Grind or remove tree stump over 48 inch diameter	each	\$ 405.00
20	Drainage ditch debris removal width less than 4 ft	cy	\$ 15.75
21	Drainage ditch debris removal width 4-8 ft	cy	\$ 17.06
22	Drainage ditch debris removal width greater than 8 ft	cy	\$ 13.05
23	Debris removal from Drainage Inlet	each	\$ 85.50
24	Reduced Debris removal & haul less than 15 miles	cy	\$ 6.46
25	Unreduced debris removal & haul less than 15 miles	cy	\$ 13.50
26	Reduced Debris removal & haul 16-30 miles	cy	\$ 7.36
27	Unreduced debris removal & haul 16-30 miles	cy	\$ 14.50
28	Reduced Debris removal & haul 31-60 miles	cy	\$ 8.26
29	Unreduced debris removal & haul 31-60 miles	cy	\$ 15.50
30	Reduced Debris removal & haul 61-90 miles	cy	\$ 9.55

31	Unreduced debris removal & haul 61-90 miles	cy	\$ 17.60
32	Reduced Debris removal & haul 91-120 miles	cy	
33	Unreduced debris removal & haul 91-120 miles	cy	
34	Set-up, operation and site restoration of TDSRS	cy	
35	Operation support of Agency TDSRS	day	\$ 1,750.50
36	TDSRS Inspection Tower	each	\$ 3,555.00
37	Portable truck weight certification scale	day	\$ 1,795.50
38	Debris hauling from TDSRS less than 15 miles	cy	\$ 4.46
39	Debris hauling from TDSRS 16-30 miles	cy	\$ 5.36
40	Debris hauling from TDSRS 31-60 miles	cy	\$ 6.26
41	Debris hauling from TDSRS 61-90 miles	cy	
42	Debris hauling from TDSRS 91-120 miles	cy	
43	Sorting salvagable and recyclable debris	cy	\$ 4.46
44	Volume reduction by chipping or grinding	cy	\$ 4.75
45	Volume reduction by air curtain incineration	cy	
46	Volume reduction by open air incineration	cy	
47	Dead animal carcass disposal	ton-miles	

#### Price Escalation Multipliers

Contractor to fill in proposed price escalator. He/she may choose from table on right (compounded rate of increase) or adopt his own. Multipliers will be placed upon all prices listed above for work in the corresponding contract year. Year 5 multiplier will be used for bid evaluation.

	<b>Bid Subtotal (line 50 copied onto each line below)</b>
Year 1	\$ 4,202,238.50
Year 2	\$ 4,282,081.03
Year 3	\$ 4,363,440.57
Year 4	\$ 4,446,345.94
Year 5	\$ 4,530,826.51

Quantity	Extended Price
280	\$ 166,600.00
140	\$ 16,100.00
140	\$ 24,500.00
140	\$ 27,300.00
280	\$ 8,120.00
2,000	\$ 1,150,000.00
2,000	\$ 1,790,000.00
200	\$ 45,000.00
100	\$ 1,705.50
5,000	\$ 32,300.00
35,000	\$ 472,500.00
2,000	\$ 14,720.00
4,000	\$ 58,000.00
500	\$ 4,130.00
1,000	\$ 15,500.00

28	\$ 49,014.00
4	\$ 14,220.00
28	\$ 50,274.00
20,000	\$ 89,100.00
6,000	\$ 32,130.00
5,000	\$ 22,275.00
25,000	\$ 118,750.00
<b>Bid Subtotal</b>	<b>\$ 4,202,238.50</b>

Proposed Multiplier		0.00%	0.50%	1.00%	1.50%	2.00%
1.9%	Year 1	1.0000	1.0000	1.0000	1.0000	1.0000
1.9%	Year 2	1.0000	1.0050	1.0100	1.0150	1.0200
1.9%	Year 3	1.0000	1.0100	1.0201	1.0302	1.0404
1.9%	Year 4	1.0000	1.0151	1.0303	1.0457	1.0612
1.9%	Year 5	1.0000	1.0202	1.0406	1.0614	1.0824

Year Multiplier (from D57-D61)	Yearly Bid Price
0.0190	\$ 4,282,081.03
0.0190	\$ 4,363,440.57
0.0190	\$ 4,446,345.94
0.0190	\$ 4,530,826.51
0.0190	\$ 4,616,912.22
	<b>\$ 22,239,606.28</b>

**Total Bid Price**  
(add F64+F65+F66+F67+F68)





Rate of Escalation

2.50%	3.00%	3.50%	4.00%	4.50%	5.00%	6.00%	7.00%
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.0250	1.0300	1.0350	1.0400	1.0450	1.0500	1.0600	1.0700
1.0506	1.0609	1.0712	1.0816	1.0920	1.1025	1.1236	1.1449
1.0769	1.0927	1.1087	1.1249	1.1412	1.1576	1.1910	1.2250
1.1038	1.1255	1.1475	1.1699	1.1925	1.2155	1.2625	1.3108

## Tier 4 Bid form

## District 1

Bid Item	Description	Unit	Price
1	Crew (foreman, laborer, tree climber, bucket truck, chipper truck)	hr	\$ 595.00
2	Small rubber tire Skid Steer w/ operator	hr	\$ 125.00
3	Rubber tire loader w/ 3-4 cy bucket or grappling bucket & operator	hr	\$ 175.00
4	Rubber tire loader w/ 4-7 cy bucket or grappling bucket & operator	hr	\$ 195.00
5	Rubber tire loader w/ >7 cy bucket or grappling bucket & operator	hr	\$ 225.00
6	Rubber track excavator w/ claw & 1-1/2 cy bucket w/ operator	hr	\$ 235.00
7	Steel track excavator w/ claw & 1-1/2 cy bucket w/ operator	hr	\$ 215.00
8	Light Plants (two lamp)	hr	\$ 38.00
9	Clear Debris from Travel Lane	lane miles	\$ 575.00
10	Travel Lane Debris Reduction by Chipping	lane miles	\$ 895.00
11	Removal of Tree Limbs less than 6 inch diameter	each	\$ 121.50
12	Removal of tree limbs greater than 6 inch diameter	each	\$ 121.50
13	Tree removal less than 18 inch diameter	each	\$ 135.00
14	Tree removal 18-36 inch diameter	each	\$ 225.00
15	Tree removal greater than 36 inch diameter	each	\$ 346.50
16	Grind or remove tree stump 12-24 inch diameter	each	\$ 135.00
17	Grind or remove tree stump 24-36 inch diameter	each	\$ 225.00
18	Grind or remove tree stump 36-48 inch diameter	each	\$ 315.00
19	Grind or remove tree stump over 48 inch diameter	each	\$ 405.00
20	Drainage ditch debris removal width less than 4 ft	cy	\$ 15.75
21	Drainage ditch debris removal width 4-8 ft	cy	\$ 17.06
22	Drainage ditch debris removal width greater than 8 ft	cy	\$ 13.05
23	Debris removal from Drainage Inlet	each	\$ 85.50
24	Reduced Debris removal & haul less than 15 miles	cy	\$ 6.46
25	Unreduced debris removal & haul less than 15 miles	cy	\$ 13.50
26	Reduced Debris removal & haul 16-30 miles	cy	\$ 7.36
27	Unreduced debris removal & haul 16-30 miles	cy	\$ 14.50
28	Reduced Debris removal & haul 31-60 miles	cy	\$ 8.26
29	Unreduced debris removal & haul 31-60 miles	cy	\$ 15.50
30	Reduced Debris removal & haul 61-90 miles	cy	\$ 9.55

31	Unreduced debris removal & haul 61-90 miles	cy	\$	17.60
32	Reduced Debris removal & haul 91-120 miles	cy	\$	15.95
33	Unreduced debris removal & haul 91-120 miles	cy	\$	22.00
34	Set-up, operation and site restoration of TDSRS	cy	\$	0.50
35	Operation support of Agency TDSRS	day	\$	1,750.50
36	TDSRS Inspection Tower	each	\$	3,555.00
37	Portable truck weight certification scale	day	\$	1,795.50
38	Debris hauling from TDSRS less than 15 miles	cy	\$	4.46
39	Debris hauling from TDSRS 16-30 miles	cy	\$	5.36
40	Debris hauling from TDSRS 31-60 miles	cy	\$	6.26
41	Debris hauling from TDSRS 61-90 miles	cy	\$	7.55
42	Debris hauling from TDSRS 91-120 miles	cy	\$	8.96
43	Sorting salvagable and recyclable debris	cy	\$	4.46
44	Volume reduction by chipping or grinding	cy	\$	4.75
45	Volume reduction by air curtain incineration	cy	\$	4.25
46	Volume reduction by open air incineration	cy	\$	3.50
47	Dead animal carcass disposal	ton-miles	\$	1.44

#### Price Escalation Multipliers

Contractor to fill in proposed price escalator. He/she may choose from table on right (compounded rate of increase) or adopt his own. Multipliers will be placed upon all prices listed above for work in the corresponding contract year. Year 5 multiplier will be used for bid evaluation.

	<b>Bid Subtotal (line 50 copied onto each line below)</b>
Year 1	\$ 23,815,562.40
Year 2	\$ 24,268,058.09
Year 3	\$ 24,729,151.19
Year 4	\$ 25,199,005.06
Year 5	\$ 25,677,786.16

Quantity	Extended Price
700	\$ 416,500.00
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
6,000	\$ 3,450,000.00
6,000	\$ 5,370,000.00
	\$ -
	\$ -
480	\$ 64,800.00
200	\$ 45,000.00
20	\$ 6,930.00
120	\$ 16,200.00
50	\$ 11,250.00
5	\$ 1,575.00
	\$ -
1,800	\$ 28,350.00
1,800	\$ 30,699.00
	\$ -
1,500	\$ 128,250.00
25,000	\$ 161,500.00
700,000	\$ 9,450,000.00
10,000	\$ 73,600.00
200,000	\$ 2,900,000.00
500	\$ 4,130.00
4,000	\$ 62,000.00
50	\$ 477.50

	\$ -
	\$ -
	\$ -
500,000	\$ 250,000.00
60	\$ 105,030.00
6	\$ 21,330.00
90	\$ 161,595.00
95,000	\$ 423,225.00
15,000	\$ 80,325.00
5,000	\$ 31,275.00
	\$ -
	\$ -
10,000	\$ 44,550.00
60,000	\$ 285,000.00
45000	\$ 191,250.00
	\$ -
500	\$ 720.90
<b>Bid Subtotal</b>	\$ 23,815,562.40

Proposed Multiplier		0.00%	0.50%	1.00%	1.50%	2.00%
1.9%	Year 1	1.0000	1.0000	1.0000	1.0000	1.0000
1.9%	Year 2	1.0000	1.0050	1.0100	1.0150	1.0200
1.9%	Year 3	1.0000	1.0100	1.0201	1.0302	1.0404
1.9%	Year 4	1.0000	1.0151	1.0303	1.0457	1.0612
1.9%	Year 5	1.0000	1.0202	1.0406	1.0614	1.0824

Year Multiplier (from D57-D61)	Yearly Bid Price
0.0190	\$ 24,268,058.09
0.0190	\$ 24,729,151.19
0.0190	\$ 25,199,005.06
0.0190	\$ 25,677,786.16
0.0190	\$ 26,165,664.09
	\$ 126,039,664.59

**Total Bid Price**  
(add F64+F65+F66+F67+F68)



Rate of Escalation

2.50%	3.00%	3.50%	4.00%	4.50%	5.00%	6.00%	7.00%
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.0250	1.0300	1.0350	1.0400	1.0450	1.0500	1.0600	1.0700
1.0506	1.0609	1.0712	1.0816	1.0920	1.1025	1.1236	1.1449
1.0769	1.0927	1.1087	1.1249	1.1412	1.1576	1.1910	1.2250
1.1038	1.1255	1.1475	1.1699	1.1925	1.2155	1.2625	1.3108

Equipment rates - Operator included

No.	Classification	Wheel	Size (or equal)
1	Loader	st. track	Low Ground Pressure
2	Excavator	st. track	Low Ground Pressure
3	Bulldozer	st. track	Low Ground Pressure
4	Bulldozer	st. track	Min 285 hp
5	Bulldozer	st. track	Min 210 hp
6	Backhoe/Loader	tire	90 hp, 1-1/4 cy bucket 14' deep
7	Backhoe/Loader	tire	125 hp, 1.5 cy bucket, 17' deep
8	Loader	tire	Min 150 hp - 3-4 cy bucket
9	Loader	tire	Min 225 hp - 4 -7 cy bucket
10	Loader	tire	Min 275 hp - >7 cy bucket
11	Loader	st. track	Min 190 hp, 3 cy bucket
12	Loader	st. track	Min 260 hp, 6 cy bucket
13	Wheel Excavator	tire	Min 160 hp, 19' dig depth, 22' reach, claw, bucket
14	Excavator	ru. track	Min 160 hp, 22' dig depth, 25' reach, claw, bucket
15	Excavator	st. track	Min 300 hp, 24' dig depth, 33' reach, claw, bucket
16	Fuel Truck	tire	<119 gallon
17	Fuel Truck	tire	>350 gallon CDL X and N endorsement
18	Fuel Truck	tireC20	>700 gallon CDL X and N endorsement
19	Dump Truck - single-axle	tire	Class 7 Vehicle (min)
20	Dump Truck - tri-axle	tire	15 CY
21	Dump Truck tri-axle	off-road	Articulated min 25 cy
22	Crew Truck	tire	
23	Water Truck	tire	min 500 gal CDL N endorsement
24	Low Boy and Tractor	tire	80,000 GVW CDL A, air brakes
25	Chipper	tow	26 ton
26	Horizontal Grinder	tow	450 hp <size <1,000 hp may require MD air permit
27	Horizontal Grinder	tow	> 1,000 hp requires MD air permit
28	Tub Grinder	tow	>450 hp
29	Portable Air Curtain Burn Pit		
30	Bucket Truck	tire	min 75' reach
31	Crane (small)	tire	23 Ton
32	Crane (large)	tire	100 Ton
33	Emergency Generator (small)	tow	75 KVA
34	Emergency Generator (medium)	tow	150 KVA
35	Emergency Generator (large)	tow	500 KVA
36	Pumper Truck	tire	3000 GAL
37	Vacuum Truck	tire	10 CY



38	Hydroseeder	tow	min 1,000 gal capacity
38	Laborer, Equipment Operator		
40	Laborer, Truck Driver		
41	Laborer, General		
42	Laborer, Traffic control		
43	Laborer, Foreman		

#### Price Escalation Multipliers

Contractor to fill in proposed price escalator. He/she may choose from table on right (compounded rate of increase) or adopt his own. Multipliers will be placed upon all prices listed above for work in the corresponding contract year. Year 5 multiplier will be used for bid evaluation.

<40 hrs      between 40      between 80      > 120 hrs  
                  and 80 hrs      and 120 hrs

Rate/hr	Rate/hr	Rate/hr	Rate/hr
\$ 145.00	\$ 254.75	\$ 286.50	\$ 318.25
\$ 195.00	\$ 317.25	\$ 351.50	\$ 385.75
\$ 155.00	\$ 267.25	\$ 299.50	\$ 331.75
\$ 235.00	\$ 367.25	\$ 403.50	\$ 439.75
\$ 185.00	\$ 304.75	\$ 338.50	\$ 372.25
\$ 135.00	\$ 242.25	\$ 273.50	\$ 304.75
\$ 150.00	\$ 261.00	\$ 293.00	\$ 325.00
\$ 175.00	\$ 292.25	\$ 325.50	\$ 358.75
\$ 195.00	\$ 317.25	\$ 351.50	\$ 385.75
\$ 225.00	\$ 354.75	\$ 390.50	\$ 426.25
\$ 170.00	\$ 286.00	\$ 319.00	\$ 352.00
\$ 215.00	\$ 342.25	\$ 377.50	\$ 412.75
\$ 240.00	\$ 373.50	\$ 410.00	\$ 446.50
\$ 225.00	\$ 354.75	\$ 390.50	\$ 426.25
\$ 255.00	\$ 392.25	\$ 429.50	\$ 466.75
\$ 115.00	\$ 217.25	\$ 247.50	\$ 277.75
\$ 130.00	\$ 236.00	\$ 267.00	\$ 298.00
\$ 160.00	\$ 273.50	\$ 306.00	\$ 338.50
\$ 105.00	\$ 204.75	\$ 234.50	\$ 264.25
\$ 135.00	\$ 242.25	\$ 273.50	\$ 304.75
\$ 145.00	\$ 254.75	\$ 286.50	\$ 318.25
\$ 32.00	\$ 40.00	\$ 44.80	\$ 48.00
\$ 110.00	\$ 211.00	\$ 241.00	\$ 271.00
\$ 125.00	\$ 229.75	\$ 260.50	\$ 291.25
\$ 118.00	\$ 221.00	\$ 251.40	\$ 281.80
\$ 485.00	\$ 679.75	\$ 728.50	\$ 777.25
\$ 525.00	\$ 729.75	\$ 780.50	\$ 831.25
\$ 485.00	\$ 679.75	\$ 728.50	\$ 777.25
\$ 115.00	\$ 217.25	\$ 247.50	\$ 277.75
\$ 235.00	\$ 367.25	\$ 403.50	\$ 439.75
\$ 285.00	\$ 429.75	\$ 468.50	\$ 507.25
\$ 650.00	\$ 886.00	\$ 943.00	\$ 1,000.00
\$ 190.00	\$ 311.00	\$ 345.00	\$ 379.00
\$ 275.00	\$ 417.25	\$ 455.50	\$ 493.75
\$ 825.00	\$ 1,104.75	\$ 1,170.50	\$ 1,236.25
\$ 245.00	\$ 379.75	\$ 416.50	\$ 453.25
\$ 235.00	\$ 367.25	\$ 403.50	\$ 439.75

\$ 185.00	\$ 304.75	\$ 338.50	\$ 372.25
	\$ -	\$ -	\$ -
\$ 49.00	\$ 73.50	\$ 98.00	\$ 122.50
\$ 44.00	\$ 66.00	\$ 88.00	\$ 110.00
\$ 42.00	\$ 63.00	\$ 84.00	\$ 105.00
\$ 42.00	\$ 63.00	\$ 84.00	\$ 105.00
\$ 60.00	\$ 90.00	\$ 120.00	\$ 150.00

Multiplier		0.00%	0.50%	1.00%	1.50%	2.00%	2.50%
1.9000	Year 1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.9000	Year 2	1.0000	1.0050	1.0100	1.0150	1.0200	1.0250
1.9000	Year 3	1.0000	1.0100	1.0201	1.0302	1.0404	1.0506
1.9000	Year 4	1.0000	1.0151	1.0303	1.0457	1.0612	1.0769
1.9000	Year 5	1.0000	1.0202	1.0406	1.0614	1.0824	1.1038



3.00%	3.50%	4.00%	4.50%	5.00%	6.00%	7.00%
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.0300	1.0350	1.0400	1.0450	1.0500	1.0600	1.0700
1.0609	1.0712	1.0816	1.0920	1.1025	1.1236	1.1449
1.0927	1.1087	1.1249	1.1412	1.1576	1.1910	1.2250
1.1255	1.1475	1.1699	1.1925	1.2155	1.2625	1.3108