

CITY OF NORTH SALT LAKE, UTAH
 SITE STABILIZATION PROJECTS FOR EAGLE POINTE LANDSLIDE,
 LOCATED SOUTH OF PARKWAY DRIVE AT APPROX. 740 EAST
 PROJECT NO. GEO.021
 BID TABULATION - TOTAL CONSTRUCTION COST
 SUMMARY

Bid Date: 3/24/15

				CraCar Construction 2424 South 3270 West West Valley City, UT 84119	M.C. Green & Sons, Inc. 150 North 1050 West Centerville, UT 84014	*Engineer's Estimate	
Sch.	Description	Alt.	Variable Bid Item #	Comments			
A.	UPPER SITE GRADING (APPROX. 1.8 ACS.)	Base	4	Grading per Gilson Engineering Plan	\$268,468.69	\$493,780.00	\$296,700.00
		1	4-A	Upper grading mod. for alt. sch. D	\$238,349.26	\$481,780.00	\$0.00
B.	MIDDLE SITE GRADING & DRAINAGE SYSTEM (APPROX. 3.4 ACS.)	Base	25	Wall facing: (Gunitite - smooth finish)	\$394,834.21	\$637,572.00	\$475,180.00
		1	25b + 25c	Rock sculpting + rock wire basket	\$407,232.21	\$668,232.00	\$0.00
		2	25b + 25d	Rock sculpting + vegetated wire basket	\$401,298.21	\$667,542.00	\$0.00
		3	25b (full area)	Rock sculpting	\$501,394.21	\$559,572.00	\$0.00
		4	25c (full area)	Rock wire basket	\$378,574.21	\$559,572.00	\$0.00
		5	25d (full area)	Vegetated wire basket	\$370,834.21	\$559,572.00	\$0.00
C.	LOWER SITE GRADING & CONSTRUCTING BUTTRESS (APPROX. 2.8 ACS.)	Base	21	Wall facing: (Gunitite - smooth finish)	\$784,247.80	\$1,632,206.00	\$808,320.00
		1	21b + 21c	Rock sculpting + rock wire basket	\$908,687.80	\$1,742,006.00	\$0.00
		2	21b + 21d	Rock sculpting + vegetated wire basket	\$903,197.80	\$1,741,556.00	\$0.00
		3	21b (full area)	Rock sculpting	\$958,847.80	\$2,236,788.45	\$0.00
		4	21c (full area)	Rock wire basket	\$758,207.80	\$2,123,988.45	\$0.00
		5	21d (full area)	Vegetated wire basket	\$736,247.80	\$2,122,188.45	\$0.00
D.	REMOVE EXISTING ROADWAY & MODIFY UTILITIES	Base	ALL	Gilson Engineering Plan	\$83,961.05	\$138,497.50	\$159,270.00
		1	ALL	Bingham Engineering Plan	\$216,085.42	\$231,291.40	\$0.00
TOTAL CONSTRUCTION COST --- SCHEDULES "A", "B", "C" & "D" (Base Bid Without Alternates)					\$1,531,511.75	\$2,902,055.50	\$1,739,470.00

* Engineer's Estimate shown does not include; construction contingency item for misc. unforeseen items, project contingencies, admin., eng. and misc. costs.

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 LOCATED SOUTH OF PARKWAY DRIVE
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 BID TABULATION

Bid Date: 3/24/15

CraCar Construction
 2424 South 3270 West
 West Valley City, UT 84119

M.C. Green & Sons, Inc.
 150 North 1050 West
 Centerville, UT 84014

Engineer's Estimate

SCHEDULE "A" --- UPPER SITE GRADING (APPROX. 1.8 ACS.)

No.	Item	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
1.	Mobilization	Lump	Sum	<u>\$3,210.00</u>	<u>\$3,210.00</u>	<u>\$30,000.00</u>	<u>\$30,000.00</u>	<u>\$20,000.00</u>	<u>\$20,000.00</u>
2.	Traffic control, complete	Lump	Sum	<u>\$1,605.00</u>	<u>\$1,605.00</u>	<u>\$3,000.00</u>	<u>\$3,000.00</u>	<u>\$2,500.00</u>	<u>\$2,500.00</u>
3.	Erosion control, complete	Lump	Sum	<u>\$4,968.01</u>	<u>\$4,968.01</u>	<u>\$14,500.00</u>	<u>\$14,500.00</u>	<u>\$8,500.00</u>	<u>\$8,500.00</u>
4.	General earthwork for site work: including clearing work site; excavating to cut back existing landslide top slope, from toe of scarp at 2:1 slope; re-grading slope to smooth out existing grade and to provide positive drainage; and all appurtenant work (approx. 50,200 c.y.); excavated material to be stockpiled at Tunnel Springs Park (short haul)	Lump	Sum	<u>\$235,147.48</u>	<u>\$235,147.48</u>	<u>\$403,000.00</u>	<u>\$403,000.00</u>	<u>\$205,000.00</u>	<u>\$205,000.00</u>
4-A.	General earthwork for site work, based on attached "Alternate Upper Slide Area Site Plan and Upper Cross Sections", pages 1 thru 5	Lump	Sum	<u>\$205,028.05</u>	<u>\$205,028.05</u>	<u>\$391,000.00</u>	<u>\$391,000.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
5.	Construct 3-ft wide x 4-ft deep Toe Drain Catchment Trench, complete; including all required earthwork, 6-inch dia HDPE slotted pipe with fabric sleeve, fabric wrap, rock fill, and all appurtenant work	420	l.f.	<u>\$44.21</u>	<u>\$18,568.20</u>	<u>\$76.00</u>	<u>\$31,920.00</u>	<u>\$60.00</u>	<u>\$25,200.00</u>
6.	Restore native vegetation in disturbed work areas, complete; including native seed	71,000	s.f.	<u>\$0.07</u>	<u>\$4,970.00</u>	<u>\$0.16</u>	<u>\$11,360.00</u>	<u>\$0.50</u>	<u>\$35,500.00</u>
TOTAL OF BID -- SCHEDULE "A" (with Bid Item #4)					<u>\$268,468.69</u>	<u>\$493,780.00</u>	<u>\$296,700.00</u>		
TOTAL OF BID -- SCHEDULE "A" (with Bid Item #4-A)					<u>\$238,349.26</u>	<u>\$481,780.00</u>	<u>\$0.00</u>		

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 LOCATED SOUTH OF PARKWAY DRIVE
 PROJECT NO. GEO.021
 BID TABULATION

Bid Date: 3/24/15

SCHEDULE "B" --- MIDDLE SITE

GRADING, DRAINAGE SYSTEMS & CONSTRUCTING BUTTRESS (3.4 ACS.)

CraCar Construction
 2424 South 3270 West
 West Valley City, UT 84119

M.C. Green & Sons, Inc.
 150 North 1050 West
 Centerville, UT 84014

Engineer's Estimate

No.	Item	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
1.	Mobilization	Lump	Sum	<u>\$4,280.00</u>	<u>\$4,280.00</u>	<u>\$9,000.00</u>	<u>\$9,000.00</u>	<u>\$31,500.00</u>	<u>\$31,500.00</u>
2.	Traffic Control, complete	Lump	Sum	<u>\$1,070.00</u>	<u>\$1,070.00</u>	<u>\$2,000.00</u>	<u>\$2,000.00</u>	<u>\$2,500.00</u>	<u>\$2,500.00</u>
3.	Erosion Control, complete	Lump	Sum	<u>\$1,797.60</u>	<u>\$1,797.60</u>	<u>\$1,500.00</u>	<u>\$1,500.00</u>	<u>\$7,500.00</u>	<u>\$7,500.00</u>
4.	General earthwork for site work; including excavating to remove existing landslide material; re-grading to smooth out existing grades and to provide positive drainage; and all appurtenant work (approx. 15,800 c.y. of cut). Material (free haul) to be used for fill on-site	Lump	Sum	<u>\$63,397.50</u>	<u>\$63,397.50</u>	<u>\$53,300.00</u>	<u>\$53,300.00</u>	<u>\$70,000.00</u>	<u>\$70,000.00</u>
5.	Haul and place select excavated material (short haul) for re-grading existing grades and providing positive drainage, and all appurtenant work approx. 7,700 c.y. of fill)	Lump	Sum	<u>\$47,786.20</u>	<u>\$47,786.20</u>	<u>\$93,000.00</u>	<u>\$93,000.00</u>	<u>\$31,000.00</u>	<u>\$31,000.00</u>
6.	Construct Upper Surface Drainage Ditch, complete; including all required earthwork, geomembrane liner, rock fill, and all appurtenant work	340	I.f.	<u>\$40.61</u>	<u>\$13,807.40</u>	<u>\$87.00</u>	<u>\$29,580.00</u>	<u>\$45.00</u>	<u>\$15,300.00</u>
7.	Construct Lower Surface Drainage Ditch, complete; including all required earthwork, geomembrane liner, rock fill, and all appurtenant work	400	I.f.	<u>\$40.61</u>	<u>\$16,244.00</u>	<u>\$63.00</u>	<u>\$25,200.00</u>	<u>\$50.00</u>	<u>\$20,000.00</u>

No.	Item	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
8.	Construct 6-inch dia HDPE slotted pipe lines, complete, for Lower Drainage Ditch; including all required earthwork, HDPE slotted pipe and fittings with sleeve, and all appurtenant work	220	I.f.	<u>\$33.64</u>	<u>\$7,400.80</u>	<u>\$66.00</u>	<u>\$14,520.00</u>	<u>\$32.50</u>	<u>\$7,150.00</u>
9.	Construct Connecting Surface Drainage Ditches, complete; including all required earthwork, geomembrane liner, rock fill, and all appurtenant work	170	I.f.	<u>\$40.61</u>	<u>\$6,903.70</u>	<u>\$72.00</u>	<u>\$12,240.00</u>	<u>\$45.00</u>	<u>\$7,650.00</u>
10.	Construct 6-inch dia HDPE slotted pipe lines, complete, for Connecting Drainage Ditches; including all required earthwork, HDPE slotted pipe and fittings with sleeve, and all appurtenant work	40	I.f.	<u>\$37.72</u>	<u>\$1,508.80</u>	<u>\$91.00</u>	<u>\$3,640.00</u>	<u>\$32.50</u>	<u>\$1,300.00</u>
11.	Construct 8-inch dia HDPE drainage pipe lines, complete; including all required earthwork, HDPE pipe & fittings with butt-welded joints, pipe bedding, and all appurtenant work	230	I.f.	<u>\$56.06</u>	<u>\$12,893.80</u>	<u>\$74.00</u>	<u>\$17,020.00</u>	<u>\$35.00</u>	<u>\$8,050.00</u>
12.	Construct 10-inch dia HDPE drainage pipe line, complete; including all required earthwork, HDPE pipe & fittings with butt-welded joints, pipe bedding, and all appurtenant work	320	I.f.	<u>\$60.14</u>	<u>\$19,244.80</u>	<u>\$94.00</u>	<u>\$30,080.00</u>	<u>\$42.00</u>	<u>\$13,440.00</u>
13.	Construct 15-inch dia Class III reinforced concrete storm drain line, complete; including all required earthwork, RCP pipe and fittings, pipe bedding, and all appurtenant work	80	I.f.	<u>\$39.81</u>	<u>\$3,184.80</u>	<u>\$91.00</u>	<u>\$7,280.00</u>	<u>\$55.00</u>	<u>\$4,400.00</u>
14.	Connect 6-inch slotted HDPE pipe to 8-inch HDPE drainage pipes, complete; including all required earthwork, pipe and fittings, pipe bedding, and all appurtenant work	3	ea.	<u>\$1,557.92</u>	<u>\$4,673.76</u>	<u>\$750.00</u>	<u>\$2,250.00</u>	<u>\$550.00</u>	<u>\$1,650.00</u>
15.	Construct 6-inch drainage cleanouts, complete; including all required earthwork, pipe and fittings, cover, and all appurtenant work	3	ea.	<u>\$1,128.85</u>	<u>\$3,386.55</u>	<u>\$790.00</u>	<u>\$2,370.00</u>	<u>\$750.00</u>	<u>\$2,250.00</u>
16.	Construct 5-foot dia. storm drain manhole, complete; including all required earthwork, gravel base, and all appurtenant work	1	ea.	<u>\$3,745.00</u>	<u>\$3,745.00</u>	<u>\$4,100.00</u>	<u>\$4,100.00</u>	<u>\$3,500.00</u>	<u>\$3,500.00</u>
17.	Construct 5-foot dia. storm drain manhole, complete, over existing 21-inch storm drain; including all required earthwork, gravel base, connecting to existing 21-inch pipe, and all appurtenant work	1	ea.	<u>\$3,745.00</u>	<u>\$3,745.00</u>	<u>\$3,900.00</u>	<u>\$3,900.00</u>	<u>\$4,500.00</u>	<u>\$4,500.00</u>

No.	Item	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
18.	Restore roadway on Parkway Drive, complete; including all required earthwork, gravel road base, new concrete curb & gutter and sidewalk, new asphalt pavement, and all appurtenant work	Lump	Sum	<u>\$5,136.00</u>	<u>\$5,136.00</u>	<u>\$6,360.00</u>	<u>\$6,360.00</u>	<u>\$3,500.00</u>	<u>\$3,500.00</u>
19.	Construct 6-inch dia HDPE slotted pipe with sleeve, complete, for buttress drain; including all required earthwork, pipe & fittings, and all appurtenant work	160	l.f.	<u>\$19.57</u>	<u>\$3,131.20</u>	<u>\$63.00</u>	<u>\$10,080.00</u>	<u>\$15.00</u>	<u>\$2,400.00</u>
20.	Construct 8-inch dia HDPE drainage pipe, complete, for buttress drain; including all required earthwork, pipe & fittings, and all appurtenant work	60	l.f.	<u>\$31.28</u>	<u>\$1,876.80</u>	<u>\$87.00</u>	<u>\$5,220.00</u>	<u>\$35.00</u>	<u>\$2,100.00</u>
21.	Connect 8-inhc drainage pipe to new storm drain manhole, complete	Lump	Sum	<u>\$695.50</u>	<u>\$695.50</u>	<u>\$400.00</u>	<u>\$400.00</u>	<u>\$1,500.00</u>	<u>\$1,500.00</u>
22.	Furnish, place and compact gravel blanket material for buttress	740	c.y.	<u>\$42.80</u>	<u>\$31,672.00</u>	<u>\$69.00</u>	<u>\$51,060.00</u>	<u>\$25.00</u>	<u>\$18,500.00</u>
23.	Haul and place select excavated granular material for buttress fill	3,500	c.y.	<u>\$6.15</u>	<u>\$21,525.00</u>	<u>\$27.00</u>	<u>\$94,500.00</u>	<u>\$5.00</u>	<u>\$17,500.00</u>
24.	Construct geo-grid reinforced buttress, complete; including all required earthwork, gravel base, geo-grid reinforcement, and all appurtenant work	2,300	c.y.	<u>\$13.18</u>	<u>\$30,314.00</u>	<u>\$23.00</u>	<u>\$52,900.00</u>	<u>\$7.50</u>	<u>\$17,250.00</u>
25.	Furnish and place gunite coating, 5-inch thick (minimum), over face of buttress walls; including wire mesh and all appurtenant work	6,000	s.f.	<u>\$11.77</u>	<u>\$70,620.00</u>	<u>\$13.00</u>	<u>\$78,000.00</u>	<u>\$15.00</u>	<u>\$90,000.00</u>

No.	Item	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
25-b.	Furnish and place sculpted gunite coating over face of buttress walls; including wire mesh, sculpting, staining, and all appurtenant work	1,400	s.f.	<u>\$29.53</u>	<u>\$41,342.00</u>	<u>\$28.00</u>	<u>\$39,200.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
25-c.	Furnish and place WWM forms for facing buttress walls; including welded wire mesh forms, rock fill, and all appurtenant work	4,600	s.f.	<u>\$9.06</u>	<u>\$41,676.00</u>	<u>\$15.10</u>	<u>\$69,460.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
25-d.	Furnish and place WWM forms for facing buttress walls with alternate top soil & native grass seeding; including welded wire mesh forms, top soil & native grass seeding and all appurtenant work	4,600	s.f.	<u>\$7.77</u>	<u>\$35,742.00</u>	<u>\$14.95</u>	<u>\$68,770.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
26.	Restore native vegetation in disturbed work areas, complete; including native seed	152,000	s.f.	<u>\$0.07</u>	<u>\$10,640.00</u>	<u>\$0.16</u>	<u>\$24,320.00</u>	<u>\$0.50</u>	<u>\$76,000.00</u>
27.	Furnish and place erosion control mats, complete at top of buttress wall, as indicated	13,400	s.f.	<u>\$0.31</u>	<u>\$4,154.00</u>	<u>\$0.28</u>	<u>\$3,752.00</u>	<u>\$1.10</u>	<u>\$14,740.00</u>
TOTAL OF BID -- SCHEDULE "B" (with Bid Item #25)					<u>\$394,834.21</u>	<u>\$637,572.00</u>	<u>\$475,180.00</u>		
TOTAL OF BID -- SCHEDULE "B" (with Bid Item #25-b & 25-c)					<u>\$407,232.21</u>	<u>\$668,232.00</u>	<u>\$0.00</u>		
TOTAL OF BID -- SCHEDULE "B" (with Bid Item #25-b & 25-d)					<u>\$401,298.21</u>	<u>\$667,542.00</u>	<u>\$0.00</u>		
TOTAL OF BID -- SCHEDULE "B" (with Bid Item #25-b (full area))					<u>\$501,394.21</u>	<u>\$559,572.00</u>	<u>\$0.00</u>		
TOTAL OF BID -- SCHEDULE "B" (with Bid Item #25-c (full area))					<u>\$378,574.21</u>	<u>\$559,572.00</u>	<u>\$0.00</u>		
TOTAL OF BID -- SCHEDULE "B" (with Bid Item #25-d (full area))					<u>\$370,834.21</u>	<u>\$559,572.00</u>	<u>\$0.00</u>		

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Bid Date: 3/24/15

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Engineer's Estimate

SCHEDULE "C" --- LOWER SITE

GRADING & CONSTRUCTING BUTTRESS (2.8 ACS.)

No.	Item	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
1.	Mobilization	Lump	Sum	<u>\$8,560.00</u>	<u>\$8,560.00</u>	<u>\$8,000.00</u>	<u>\$8,000.00</u>	<u>\$53,500.00</u>	<u>\$53,500.00</u>
2.	Traffic control, complete	Lump	Sum	<u>\$2,140.00</u>	<u>\$2,140.00</u>	<u>\$2,000.00</u>	<u>\$2,000.00</u>	<u>\$4,500.00</u>	<u>\$4,500.00</u>
3.	Erosion control, complete	Lump	Sum	<u>\$2,589.40</u>	<u>\$2,589.40</u>	<u>\$2,000.00</u>	<u>\$2,000.00</u>	<u>\$8,000.00</u>	<u>\$8,000.00</u>
4.	General earthwork for site work: including excavating to remove existing landslide material, re-grading to smooth out existing grades, and to provide positive drainage; and all appurtenant work (approx. 3,500 c.y.). Material (free haul) to be used for fill on-site	Lump	Sum	<u>\$14,043.75</u>	<u>\$14,043.75</u>	<u>\$17,500.00</u>	<u>\$17,500.00</u>	<u>\$15,000.00</u>	<u>\$15,000.00</u>
5.	General earthwork for site work: including excavating to remove existing excess landslide material, and all appurtenant work (approx. 6,100 c.y.); material (short haul) to be stockpiled at the Tunnel Springs Park	Lump	Sum	<u>\$37,856.60</u>	<u>\$37,856.60</u>	<u>\$57,900.00</u>	<u>\$57,900.00</u>	<u>\$25,000.00</u>	<u>\$25,000.00</u>
6.	Construct 6-inch dia HDPE slotted pipe with sleeve, complete; including all required earthwork, pipe and fittings, and all appurtenant work	575	l.f.	<u>\$16.99</u>	<u>\$9,769.25</u>	<u>\$66.00</u>	<u>\$37,950.00</u>	<u>\$15.00</u>	<u>\$8,625.00</u>
7.	Construct 8-inch dia PVC drain pipe, complete; including all required earthwork, pipe and fittings, and all appurtenant work	170	l.f.	<u>\$31.28</u>	<u>\$5,317.60</u>	<u>\$74.00</u>	<u>\$12,580.00</u>	<u>\$45.00</u>	<u>\$7,650.00</u>
8.	Connect 8-inch solid PVC pipe to 6" slotted drain pipe, complete	Lump	Sum	<u>\$1,358.90</u>	<u>\$1,358.90</u>	<u>\$750.00</u>	<u>\$750.00</u>	<u>\$550.00</u>	<u>\$550.00</u>
9.	Construct 5-foot dia storm drain manhole, complete, over existing 21-inch storm drain; including all required earthwork, gravel base, connecting to existing pipe, and all appurtenant work	1	ea.	<u>\$3,745.00</u>	<u>\$3,745.00</u>	<u>\$3,900.00</u>	<u>\$3,900.00</u>	<u>\$4,500.00</u>	<u>\$4,500.00</u>
10.	Restore roadway on Parkway Drive, complete; including all required earthwork, gravel road base, new concrete curb & gutter and sidewalk, new asphalt pavement; and all appurtenant work	Lump	Sum	<u>\$8,025.00</u>	<u>\$8,025.00</u>	<u>\$6,360.00</u>	<u>\$6,360.00</u>	<u>\$3,500.00</u>	<u>\$3,500.00</u>
11.	Saw-cut existing post-tensioned concrete pavement	190	l.f.	<u>\$4.28</u>	<u>\$813.20</u>	<u>\$4.00</u>	<u>\$760.00</u>	<u>\$4.00</u>	<u>\$760.00</u>

No.	Item	Quantity	Unit	Price	Amount	Price	Amount	Price	Amount
12.	Saw-cut existing asphalt parking lot pavement	180	l.f.	<u>\$2.14</u>	<u>\$385.20</u>	<u>\$2.50</u>	<u>\$450.00</u>	<u>\$4.00</u>	<u>\$720.00</u>
13.	Remove and dispose of existing post-tensioned concrete pavement, complete	5,150	s.f.	<u>\$1.46</u>	<u>\$7,519.00</u>	<u>\$3.00</u>	<u>\$15,450.00</u>	<u>\$4.00</u>	<u>\$20,600.00</u>
14.	Remove and dispose of existing asphalt parking lot pavement, complete	7,600	s.f.	<u>\$0.70</u>	<u>\$5,320.00</u>	<u>\$1.60</u>	<u>\$12,160.00</u>	<u>\$4.00</u>	<u>\$30,400.00</u>
15.	Remove and dispose of existing concrete block retaining wall, complete (approx. 45 l.f.)	Lump	Sum	<u>\$2,407.50</u>	<u>\$2,407.50</u>	<u>\$3,000.00</u>	<u>\$3,000.00</u>	<u>\$750.00</u>	<u>\$750.00</u>
16.	Remove and dispose of existing 4-foot square storm drain inlet box, complete	1	ea.	<u>\$695.50</u>	<u>\$695.50</u>	<u>\$400.00</u>	<u>\$400.00</u>	<u>\$450.00</u>	<u>\$450.00</u>
17.	Remove and dispose of existing 2-foot square storm drain inlet box, complete	1	ea.	<u>\$588.50</u>	<u>\$588.50</u>	<u>\$300.00</u>	<u>\$300.00</u>	<u>\$250.00</u>	<u>\$250.00</u>
18.	Furnish, place and compact gravel blanket material for buttress	3,500	c.y.	<u>\$42.80</u>	<u>\$149,800.00</u>	<u>\$66.00</u>	<u>\$231,000.00</u>	<u>\$25.00</u>	<u>\$87,500.00</u>
19.	Haul, place and grade select excavated granular material for buttress fill	42,000	c.y.	<u>\$6.15</u>	<u>\$258,300.00</u>	<u>\$21.00</u>	<u>\$882,000.00</u>	<u>\$5.00</u>	<u>\$210,000.00</u>
20.	Construct geo-grid reinforced buttress, complete; including all required earthwork, gravel base, geo-grid reinforcement, and all appurtenant work	8,230	c.y.	<u>\$13.18</u>	<u>\$108,471.40</u>	<u>\$19.00</u>	<u>\$156,370.00</u>	<u>\$7.50</u>	<u>\$61,725.00</u>
21.	Furnish and place gunite coating, 5-inch thick (minimum), over face of buttress walls, complete; including wire mesh and all appurtenant work	12,000	s.f.	<u>\$11.77</u>	<u>\$141,240.00</u>	<u>\$13.00</u>	<u>\$156,000.00</u>	<u>\$15.00</u>	<u>\$180,000.00</u>
21-b.	Furnish and place sculpted gunite coating over face of buttress walls, complete; including wire mesh, sculpting, staining, and all appurtenant work	9,000	s.f.	<u>\$26.32</u>	<u>\$236,880.00</u>	<u>\$24.50</u>	<u>\$220,500.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
21-c.	Furnish and place WWM forms for facing buttress walls, complete; including welded wire mesh forms, rock fill, and all appurtenant work	3,000	s.f.	<u>\$9.60</u>	<u>\$28,800.00</u>	<u>\$15.10</u>	<u>\$45,300.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
21-d.	Furnish and place WWM forms for facing buttress walls with alternate top soil & native grass seeding; including welded wire mesh forms, top soil & native grass seeding and all appurtenant work	3,000	s.f.	<u>\$7.77</u>	<u>\$23,310.00</u>	<u>\$14.95</u>	<u>\$44,850.00</u>	<u>\$0.00</u>	<u>\$0.00</u>

No.	Item	Quantity	Unit	Price	Amount	Price	Amount	Price	Amount
22.	Restore native vegetation in disturbed work areas, complete; including native seed	119,400	s.f.	<u>\$0.07</u>	<u>\$8,358.00</u>	<u>\$0.16</u>	<u>\$19,104.00</u>	<u>\$0.50</u>	<u>\$59,700.00</u>
23.	Furnish and place erosion control mat, complete, at top of buttress walls	22,400	s.f.	<u>\$0.31</u>	<u>\$6,944.00</u>	<u>\$0.28</u>	<u>\$6,272.00</u>	<u>\$1.10</u>	<u>\$24,640.00</u>
TOTAL OF BID -- SCHEDULE "C" (with Bid Item #21)					<u>=====</u> <u>\$784,247.80</u>	<u>=====</u> <u>\$1,632,206.00</u>	<u>=====</u> <u>\$808,320.00</u>		
TOTAL OF BID -- SCHEDULE "C" (with Bid Item #21-b & 21-c)					<u>\$908,687.80</u>	<u>\$1,742,006.00</u>		<u>\$0.00</u>	
TOTAL OF BID -- SCHEDULE "C" (with Bid Item #21-b & 21-d)					<u>\$903,197.80</u>	<u>\$1,741,556.00</u>		<u>\$0.00</u>	
TOTAL OF BID -- SCHEDULE "C" (with Bid Item #21-b (full area))					<u>\$958,847.80</u>	<u>\$2,236,788.45</u>		<u>\$0.00</u>	
TOTAL OF BID -- SCHEDULE "C" (with Bid Item #21-c (full area))					<u>\$758,207.80</u>	<u>\$2,123,988.45</u>		<u>\$0.00</u>	
TOTAL OF BID -- SCHEDULE "C" (with Bid Item #21-d (full area))					<u>\$736,247.80</u>	<u>\$2,122,188.45</u>		<u>\$0.00</u>	

CITY OF NORTH SALT LAKE, UTAH
 SITE STABILIZATION PROJECTS FOR EAGLE POINTE LANDSLIDE,
 LOCATED SOUTH OF PARKWAY DRIVE
 PROJECT NO. GEO.021
 BID TABULATION

Bid Date: 3/24/15

CraCar Construction
 2424 South 3270 West
 West Valley City, UT 84119

M.C. Green & Sons, Inc.
 150 North 1050 West
 Centerville, UT 84014

Engineer's Estimate

SCHEDULE "D" --- REMOVE EXISTING ROADWAY & MODIFY UTILITIES

No.	Item	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
1.	Mobilization	Lump	Sum	<u>\$2,140.00</u>	<u>\$2,140.00</u>	<u>\$8,000.00</u>	<u>\$8,000.00</u>	<u>\$10,500.00</u>	<u>\$10,500.00</u>
2.	Traffic control, complete	Lump	Sum	<u>\$2,675.00</u>	<u>\$2,675.00</u>	<u>\$2,000.00</u>	<u>\$2,000.00</u>	<u>\$2,500.00</u>	<u>\$2,500.00</u>
3.	Erosion control, complete	Lump	Sum	<u>\$1,605.00</u>	<u>\$1,605.00</u>	<u>\$1,500.00</u>	<u>\$1,500.00</u>	<u>\$8,000.00</u>	<u>\$8,000.00</u>
4.	Clearing and grubbing work site, complete; including removing existing vegetation and disposing of removed materials	Lump	Sum	<u>\$1,605.00</u>	<u>\$1,605.00</u>	<u>\$2,900.00</u>	<u>\$2,900.00</u>	<u>\$3,040.00</u>	<u>\$3,040.00</u>
5.	Remove existing roadway, complete, at top of slope: including breaking-up & removing existing asphalt pavement, concrete curb & gutter and sidewalks; disposing of removed materials; removing & disposing of drainage structures and pipe; and all appurtenant work	Lump	Sum	<u>\$11,604.15</u>	<u>\$11,604.15</u>	<u>\$17,500.00</u>	<u>\$17,500.00</u>	<u>\$31,200.00</u>	<u>\$31,200.00</u>
6.	Remove and dispose of existing utility lines, complete: including all required earthwork; removing and disposing of existing water lines, sewer lines, storm drains, and all appurtenant items; plugging existing pipes to remain in place; and all appurtenant work	Lump	Sum	<u>\$7,950.10</u>	<u>\$7,950.10</u>	<u>\$12,500.00</u>	<u>\$12,500.00</u>	<u>\$19,500.00</u>	<u>\$19,500.00</u>
7.	Abandon existing manholes, complete; including all required earthwork; removing and disposing of top portions of existing manholes as indicated, plugging existing pipes at base of manholes, backfilling remaining portion of manholes with sand; and all appurtenant work	4	ea.	<u>\$160.50</u>	<u>\$642.00</u>	<u>\$700.00</u>	<u>\$2,800.00</u>	<u>\$450.00</u>	<u>\$1,800.00</u>
8.	Construct new 15-inch dia storm drain line, complete: including all required earthwork; removing and disposing of existing pipe & fittings, and all appurtenant items; constructing new 15-inch dia HDPE pipe line; pipe bedding; and all appurtenant work	225	l.f.	<u>\$33.00</u>	<u>\$7,425.00</u>	<u>\$75.50</u>	<u>\$16,987.50</u>	<u>\$45.00</u>	<u>\$10,130.00</u>

No.	Item	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
9.	Construct new 5-foot dia storm drain manhole, complete, over existing 15-inch storm drain on Pace Lane; including all required earthwork, gravel base, connecting to existing 15-inch pipe; and all appurtenant work	1	ea.	<u>\$4,975.50</u>	<u>\$4,975.50</u>	<u>\$3,750.00</u>	<u>\$3,750.00</u>	<u>\$4,500.00</u>	<u>\$4,500.00</u>
10.	Construct new 5-foot dia storm drain manhole, complete, over existing 8-inch land drain on Silvertree Lane; including all required earthwork, gravel base, connecting to existing 8-inch pipe and new 15-inch pipes, and all appurtenant work	1	ea.	<u>\$4,922.00</u>	<u>\$4,922.00</u>	<u>\$3,750.00</u>	<u>\$3,750.00</u>	<u>\$4,500.00</u>	<u>\$4,500.00</u>
11.	Construct new catch basins, complete, in existing curb & gutter on Silvertree Lane; including all required earthwork, removing & restoring sections of existing curb & gutter, gravel base, connecting new pipe to boxes, and all appurtenant work	2	ea.	<u>\$1,663.85</u>	<u>\$3,327.70</u>	<u>\$2,340.00</u>	<u>\$4,680.00</u>	<u>\$3,500.00</u>	<u>\$7,000.00</u>
12.	Construct new 8-inch dia sewer line, complete; including all required earthwork; removing and disposing of existing pipe & fittings, and all appurtenant items; constructing new 8-inch dia HDPE sewer line; pipe bedding; and all appurtenant work	200	l.f.	<u>\$43.55</u>	<u>\$8,710.00</u>	<u>\$165.00</u>	<u>\$33,000.00</u>	<u>\$55.00</u>	<u>\$11,000.00</u>
13.	Construct new 5-foot dia sewer manhole, complete, over existing 8-inch sewer line on Pace Lane; including all required earthwork, gravel base, connecting to existing 8-inch pipe; and all appurtenant work	1	ea.	<u>\$6,045.50</u>	<u>\$6,045.50</u>	<u>\$3,900.00</u>	<u>\$3,900.00</u>	<u>\$5,500.00</u>	<u>\$5,500.00</u>
14.	Construct new 5-foot dia sewer manhole, complete, over existing 8-inch sewer line on Silvertree Lane; including all required earthwork, gravel base, connecting to existing 8-inch pipe; and all appurtenant work	1	ea.	<u>\$6,045.50</u>	<u>\$6,045.50</u>	<u>\$3,900.00</u>	<u>\$3,900.00</u>	<u>\$4,500.00</u>	<u>\$4,500.00</u>
15.	Construct new 8-inch dia PVC pressure irrigation line, complete: including all required earthwork; removing and disposing of existing pipe & fittings, and all appurtenant items; constructing new 8-inch dia HDPE water line; pipe bedding; and all appurtenant work	220	l.f.	<u>\$42.82</u>	<u>\$9,420.40</u>	<u>\$66.50</u>	<u>\$14,630.00</u>	<u>\$55.00</u>	<u>\$12,100.00</u>

No.	Item	Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
16.	Connect new 8-inch dia PVC pipe into existing 10-inch PVC pipe line, complete, on Pace Lane; including all required earthwork, new pipe and fittings, connecting new pipe to existing pipes with appropriate type coupling, and all appurtenant work	1	ea.	<u>\$1,337.50</u>	<u>\$1,337.50</u>	<u>\$550.00</u>	<u>\$550.00</u>	<u>\$3,250.00</u>	<u>\$3,250.00</u>
17.	Connect new 8-inch dia PVC pipe into existing 8-inch PVC pipe line, complete, on Silvertree Lane; including all required earthwork, new pipe and fittings, connecting new pipe to existing pipes with appropriate type coupling, and all appurtenant work	1	ea.	<u>\$1,080.70</u>	<u>\$1,080.70</u>	<u>\$550.00</u>	<u>\$550.00</u>	<u>\$2,750.00</u>	<u>\$2,750.00</u>
18.	Restore native vegetation in disturbed work areas, complete; including native seed	35,000	s.f.	<u>\$0.07</u>	<u>\$2,450.00</u>	<u>\$0.16</u>	<u>\$5,600.00</u>	<u>\$0.50</u>	<u>\$17,500.00</u>
TOTAL OF BID -- SCHEDULE "D"					<u>\$83,961.05</u>		<u>\$138,497.50</u>		<u>\$159,270.00</u>

(ALTERNATE) BID SCHEDULE "D"
EAGLEPOINTE UTILITY IMPROVEMENTS

NOTE: No separate traffic control bid item is included; any costs associated with traffic control shall be included in unit prices.

				CraCar Construction 2424 South 3270 West West Valley City, UT 84119		M.C. Green & Sons, Inc. 150 North 1050 West Centerville, UT 84014	
		UNIT	CONTRACT QUANTITY	CONTRACT UNIT PRICE	CONTRACT TOTAL	CONTRACT UNIT PRICE	CONTRACT TOTAL
General							
1	Mobilization/demobilization	LUMP	1	\$2,140.00	\$ 2,140.00	\$8,000.00	\$ 8,000.00
2	SWPPP for Utility Work, to include construction entrances, berming, straw wattles, silt fencing, inlet box protection, ditching and other BMPs as may be required.	LUMP	1	\$1,605.00	\$ 1,605.00	\$3,700.00	\$ 3,700.00
Roadway							
3	Remove and dispose of existing asphalt	SF	8,456	\$0.70	\$ 5,919.20	\$1.30	\$ 10,992.80
4	Remove and dispose of existing curb and gutter	LF	526	\$3.75	\$ 1,972.50	\$5.50	\$ 2,893.00
5	Remove and dispose of existing sidewalk	LF	617	\$2.46	\$ 1,517.82	\$5.80	\$ 3,578.60
6	Sidewalk ramps, including saw cutting ramps into existing curb and gutter as required, forming of ramps, compacted base under concrete, all concrete, curing compound, protection and detector pads	EACH	4	\$1,016.50	\$ 4,066.00	\$3,470.00	\$ 13,880.00
7	Asphalt 3" thickness - Place in one lift, including tack coat on all concrete edges, pay reductions as applicable from UDOT Standard Specifications shall apply.	SF	9,947	\$1.34	\$ 13,328.98	\$1.55	\$ 15,417.85
8	Base 8" thick, meeting UDOT specified gradation, compacted to 95% of T-180 proctor density, pay reductions as applicable from UDOT Standard Specifications shall apply.	SF	9,947	\$1.05	\$ 10,444.35	\$0.80	\$ 7,957.60
9	30" Highback Curb and Gutter - includes subgrade preparation and 6" compacted base, curing agent and protection, driveway and ramp cuts.	LF	676	\$19.26	\$ 13,019.76	\$17.00	\$ 11,492.00
10	4' Sidewalk - includes subgrade preparation and 6" compacted base, reinforcing steel, curing agent and protection from traffic during the curing period (7 days minimum).	LF	311	\$14.55	\$ 4,525.05	\$19.40	\$ 6,033.40
Sewer							
11	Remove and cap existing sewer lateral at main, includes exposing lateral at main, furnishing and installing a cap or plug per SDSA requirements, and backfill and compaction of excavated material.	EACH	6	\$577.80	\$ 3,466.80	\$485.00	\$ 2,910.00
12	required to bring rim elevation within 2 feet of revised grade. Removed sections are to be salvaged and used elsewhere.	EACH	1	\$481.50	\$ 481.50	\$300.00	\$ 300.00
13	Raising existing manholes to property grade and placement of the concrete ring around the manhole after paving operations. Price includes all testing and protection during construction.	EACH	2	\$481.50	\$ 963.00	\$830.00	\$ 1,660.00
14	4" Service Lateral adjustment including locating existing lateral, installing new bend and cleanout, installing approximately 30 LF of new 4" piping beyond the new PUE, excavation, pipe bedding, grade control, backfill, compaction, marker post, etc.	EACH	1	\$642.00	\$ 642.00	\$1,100.00	\$ 1,100.00

(ALTERNATE) BID SCHEDULE "D"
EAGLEPOINTE UTILITY IMPROVEMENTS

NOTE: No separate traffic control bid item is included; any costs associated with traffic control shall be included in unit prices.

		CraCar Construction 2424 South 3270 West West Valley City, UT 84119			M.C. Green & Sons, Inc. 150 North 1050 West Centerville, UT 84014		
		UNIT	CONTRACT QUANTITY	CONTRACT UNIT PRICE	CONTRACT TOTAL	CONTRACT UNIT PRICE	CONTRACT TOTAL
15	locating end of the existing lateral, furnishing and installing approximately 20 LF of new 4" lateral, pipe bedding, grade control, piping, backfill, compaction, marker post, etc.	EACH	2	\$759.70	\$ 1,519.40	\$1,100.00	\$ 2,200.00
Water							
16	Shut off existing laterals at main, includes exposing the main and corp stop, removing corp stop and installing a Romac CL1 full circle repair clamp or equivalent around the main line, removing the lateral, and backfill and compaction of all excavated material.	EACH	3	\$808.92	\$ 2,426.76	\$620.00	\$ 1,860.00
17	Removal of existing water main, backfill and compaction of all excavated material.	LF	273	\$5.35	\$ 1,460.55	\$9.00	\$ 2,457.00
18	Removal of existing water laterals that were connected to existing water main that is to be removed. Includes backfill and compaction of all excavated material.	EACH	3	\$160.50	\$ 481.50	\$965.00	\$ 2,895.00
19	10" HDPE Main, includes all excavation and disposal of unsuitable soil material, fusion and installation of pipe, pipe bedding, select backfill, compaction, copper tracer wire, disinfection, pressure testing, bacteria testing and acceptance by City. Pipe shall be installed to provide a minimum of 42" cover over the top of the pipe from final grades.	LF	348	\$48.77	\$ 16,971.96	\$47.90	\$ 16,669.20
20	connection to tracer wire. Includes necessary valve key extensions when 2" operating nut is below 5' from ground surface.	EACH	1	\$2,020.16	\$ 2,020.16	\$1,740.00	\$ 1,740.00
21	8" 22.5-degree bend with all accessories	EACH	1	\$321.00	\$ 321.00	\$719.00	\$ 719.00
22	10" 22.5-degree HDPE bend - optional	EACH	1	\$379.50	\$ 379.85	\$810.00	\$ 810.00
23	10" 45-degree HDPE bend	EACH	1	\$379.85	\$ 379.85	\$810.00	\$ 810.00
24	10" 45-degree DI Flanged bend	EACH	1	\$767.19	\$ 767.19	\$810.00	\$ 810.00
25	Furnish and install 10" HDPE Flange Adapter with metal backing ring. To be installed at connections to existing pipe or fittings to transition between PVC or flanged fittings to HDPE pipe.	EACH	2	\$347.75	\$ 695.50	\$785.00	\$ 1,570.00
26	Connect to existing piping - to include locating ends of existing HDPE and PVC piping.	EACH	2	\$697.64	\$ 1,395.28	\$630.00	\$ 1,260.00
27	Remove and salvage existing fire hydrant assembly	EACH	1	\$695.50	\$ 695.50	\$1,000.00	\$ 1,000.00
28	Install Complete Hydrant Assembly using salvaged hydrant, to include all excavation, exposing existing main at the end of the existing HDPE line, installing new 1/4 bend, reducer, valve and piping as required, gravel sumps, plastic wrap, backfill, rotating pumper nozzle to proper alignment for a complete hydrant installation.	EACH	1	\$2,517.71	\$ 2,517.71	\$3,000.00	\$ 3,000.00

(ALTERNATE) BID SCHEDULE "D"
EAGLEPOINTE UTILITY IMPROVEMENTS

NOTE: No separate traffic control bid item is included; any costs associated with traffic control shall be included in unit prices.

		CraCar Construction 2424 South 3270 West West Valley City, UT 84119			M.C. Green & Sons, Inc. 150 North 1050 West Centerville, UT 84014		
		UNIT	CONTRACT QUANTITY	CONTRACT UNIT PRICE	CONTRACT TOTAL	CONTRACT UNIT PRICE	CONTRACT TOTAL
29	Install 3/4" Water Lateral on 10" HDPE water main, utilizing salvaged meter setter and meter box. Includes Romac 202N-H-8.68 x 3/4" IP saddle (or approved saddle compatible with HDPE pipe), new corp stop and copper lateral into lot, marker post - per North Salt Lake Standards. Includes tracer wire on all laterals.	EACH	3	\$1,339.64	\$ 4,018.92	\$966.00	\$ 2,898.00
Secondary Water							
30	Remove and cap existing dual laterals on existing main. Includes exposing the saddle at the main line, removal of the existing lateral from the saddle and installing a brass plug in the saddle per NSL requirements.	EACH	1	\$173.34	\$ 173.34	\$585.00	\$ 585.00
31	Removal of existing secondary water main, backfill and compaction of all excavated material.	LF	324	\$3.21	\$ 1,040.04	\$9.00	\$ 2,916.00
32	existing secondary water main that is to be removed. Includes backfill and compaction of all excavated material.	EACH	3	\$160.50	\$ 481.50	\$900.00	\$ 2,700.00
33	10" HDPE Main, includes all excavation and disposal of unsuitable soil material, fusion and installation of pipe, pipe bedding, select backfill, compaction, copper tracer wire, disinfection, pressure testing, bacteria testing and acceptance by City. Pipe shall be installed to provide a minimum of 30" cover over the top of the pipe from final grades.	LF	35	\$70.44	\$ 2,465.40	\$46.15	\$ 1,615.25
34	12" HDPE Main, includes all excavation and disposal of unsuitable soil material, fusion and installation of pipe, pipe bedding, select backfill, compaction, copper tracer wire, disinfection, pressure testing, bacteria testing and acceptance by City. Pipe shall be installed to provide a minimum of 30" cover over the top of the pipe from final grades.	LF	369	\$54.05	\$ 19,944.45	\$49.30	\$ 18,191.70
35	connection to tracer wire. Includes necessary valve key extensions when 2" operating nut is below 5' from ground surface.	EACH	2	\$2,695.33	\$ 5,390.66	\$1,740.00	\$ 3,480.00
36	10" 22.5-degree bend with all accessories	EACH	1	\$844.23	\$ 844.23	\$625.00	\$ 625.00
37	10" 45-degree HDPE bend	EACH	1	\$844.23	\$ 844.23	\$625.00	\$ 625.00
38	12" 22.5-degree HDPE bend - optional	EACH	1	\$950.16	\$ 950.16	\$700.00	\$ 700.00
39	12" 45-degree HDPE bend	EACH	1	\$950.16	\$ 950.16	\$700.00	\$ 700.00
40	12" 45-degree DI Flanged bend	EACH	1	\$1,094.61	\$ 1,094.61	\$700.00	\$ 700.00
41	12"x10" HDPE Tee	EACH	1	\$936.25	\$ 936.25	\$940.00	\$ 940.00
42	Furnish and install 10" HDPE Flange Adapter with metal backing ring. To be installed at connections to existing pipe or fittings to transition between PVC or flanged fittings to HDPE pipe.	EACH	1	\$374.50	\$ 374.50	\$675.00	\$ 675.00

(ALTERNATE) BID SCHEDULE "D"
EAGLEPOINTE UTILITY IMPROVEMENTS

NOTE: No separate traffic control bid item is included; any costs associated with traffic control shall be included in unit prices.

		CraCar Construction 2424 South 3270 West West Valley City, UT 84119			M.C. Green & Sons, Inc. 150 North 1050 West Centerville, UT 84014		
		UNIT	CONTRACT QUANTITY	CONTRACT UNIT PRICE	CONTRACT TOTAL	CONTRACT UNIT PRICE	CONTRACT TOTAL
43	Furnish and install 12" HDPE Flange Adapter with metal backing ring. To be installed at connections to existing pipe or fittings to transition between PVC or flanged fittings to HDPE pipe.	EACH	2	\$467.59	\$ 935.18	\$780.00	\$ 1,560.00
44	Connect to existing piping - to include locating ends of existing HDPE and PVC piping.	EACH	2	\$569.24	\$ 1,138.48	\$570.00	\$ 1,140.00
45	Laterals - Per lot price, two lots share lateral from main, includes Romac 202N-H service saddle, curb valves, curb box, all fittings, purple poly tubing, PVC stub a minimum of 10' into the lot with a 2 x 4 marker post, meter yoke and meter box with lid per North Salt Lake details. Includes 2" conduit between meter boxes and tracer wire on all laterals.	EACH	1	\$2,503.80	\$ 2,503.80	\$1,480.00	\$ 1,480.00
Storm Drainage							
46	Removal of existing 15" Reinforced concrete piping, including all excavation, and backfill and compaction of the excavated material.	LF	467	\$4.28	\$ 1,998.76	\$9.00	\$ 4,203.00
47	Removal of existing catch basins and manholes, including all excavation, and backfill and compaction of the excavated material.	EACH	7	\$535.00	\$ 3,745.00	\$400.00	\$ 2,800.00
48	Remove and cap existing land drain laterals, including all excavation, patching of the storm drain main, all excavation, and backfill and compaction of the excavated material.	EACH	1	\$267.50	\$ 267.50	\$500.00	\$ 500.00
49	Convert or replace existing manhole with combo box, complete with grates, select backfill, compaction, etc.	EACH	1	\$4,440.50	\$ 4,440.50	\$3,180.00	\$ 3,180.00
50	excavation, bedding material, trench shoring and trench stabilization material as required, select backfill, compaction, furnishing all materials, fusion welding, grade control, compaction, etc. for a complete installation.	LF	432	\$63.12	\$ 27,267.84	\$49.00	\$ 21,168.00
51	Inlet Boxes, complete with grates, excavation, select backfill, compaction, etc.	EACH	2	\$1,883.20	\$ 3,766.40	\$1,784.00	\$ 3,568.00
52	Combination Boxes, complete with grates, excavation, select backfill, compaction, etc. (Does not include box at existing manhole. See previous item).	EACH	1	\$3,905.50	\$ 3,905.50	\$3,380.00	\$ 3,380.00
53	Cleanout Manholes, complete with ring and cover, excavation, select backfill, compaction, raising to grade and installing concrete ring as required by NSL City.	EACH	4	\$2,749.90	\$ 10,999.60	\$1,740.00	\$ 6,960.00

(ALTERNATE) BID SCHEDULE "D"
EAGLEPOINTE UTILITY IMPROVEMENTS

NOTE: No separate traffic control bid item is included; any costs associated with traffic control shall be included in unit prices.

		CraCar Construction 2424 South 3270 West West Valley City, UT 84119			M.C. Green & Sons, Inc. 150 North 1050 West Centerville, UT 84014		
		UNIT	CONTRACT QUANTITY	CONTRACT UNIT PRICE	CONTRACT TOTAL	CONTRACT UNIT PRICE	CONTRACT TOTAL
54	Connect to existing manhole, or catch basin, including all excavation, cutting or preparation as required for the connection, grouting on the inside and outside as required for a water-tight connection, select backfill and compaction as required for a complete connection. There may be more than one connection per structure.	EACH	5	\$1,016.50	\$ 5,082.50	\$750.00	\$ 3,750.00
55	Install 4" PVC Land Drain Lateral to 15' into property, including all excavation, pipe bedding, pipe, fittings, connection to box, backfill, compaction, marker post, etc., for a complete lateral assembly.	EACH	3	\$499.69	\$ 1,499.07	\$1,100.00	\$ 3,300.00
Private Utilities - Quantities are estimates and subject to revision							
56	Terminate existing Rocky Mountain Power (RMP) lines.	EACH	2	\$1,605.00	\$ 3,210.00	\$1,000.00	\$ 2,000.00
57	Terminate existing CenturyLink lines.	EACH	2	\$802.50	\$ 1,605.00	\$1,000.00	\$ 2,000.00
58	Provide trenching for Rocky Mountain Power (RMP) lines. Location to be determined from RMP design layout. Trenching to be per RMP requirements.	LF	457	\$6.42	\$ 2,933.94	\$4.00	\$ 1,828.00
59	Furnish and install 4" Grey Schedule 40 PVC conduit in RMP trench per RMP layout. Includes all piping, glue, joints, and installation of pull string per RMP specifications. Also included is the sand bedding of the conduits per RMP requirements. Upon all conduit installation (may include CenturyLink and Cable), backfilling and compaction of the trench.	LF	457	\$5.89	\$ 2,691.73	\$4.00	\$ 1,828.00
60	Furnish and install 4" PVC conduit under roadways per utility plan provided by the utility companies. Piping to meet private utility requirements. Quantity may vary. Multiple conduits may share the same trench. Unit price to include all excavation, sand bedding, trench backfill, moisture conditioning and compaction. Marker posts are to be installed at the ends of all conduits. Ends shall be plugged to prevent material from entering the conduits.	LF	200	\$5.89	\$ 1,178.00	\$6.00	\$ 1,200.00
61	Furnish and install 4" fiberglass long-sweep elbows as required per RMP layout. Bends may be installed horizontal or vertical. Includes installing pull string through the bends, and capping vertical bends to prevent material from entering the conduits.	EACH	2	\$321.00	\$ 642.00	\$95.00	\$ 190.00
62	Furnish and install 4" PVC long-sweep elbows as required per RMP layout. Bends may be installed horizontal or vertical. Includes installing pull string through the bends, and capping vertical bends to prevent material from entering the conduits.	EACH	2	\$321.00	\$ 642.00	\$95.00	\$ 190.00
TOTAL					\$ 216,085.42		\$ 231,291.40