

1  
2 The bid item "Mulching with BFM" is revised to read:  
3  
4 "Mulching with Moderate Term Mulch"

5  
6 The bid item "Mulching with MBFM/FRM" is revised to read:  
7  
8 "Mulching with Long Term Mulch"

9  
10 8-02.AP8  
11 **SECTION 8-02, ROADSIDE RESTORATION**  
12 **January 3, 2011**

13 **8-02.2 Materials**

14 In the first paragraph, the following item is inserted after the item "Fertilizer 9-14.3":  
15  
16 Mulch and Amendments 9-14.4

17  
18 **8-02.3(2) Roadside Work Plan**

19 In the first paragraph, the second sentence is revised to read:

20  
21 The roadside work plan shall define the Work necessary to provide all Contract  
22 requirements, including: wetland excavation, soil preparation, habitat structure  
23 placement, planting area preparation, seeding area preparation, bark mulch and  
24 compost placement, seeding, planting, plant replacement, irrigation, and weed control in  
25 narrative form.

26  
27 The first sentence under "**Progress Schedule**" is revised to read:

28  
29 A progress schedule shall be submitted in accordance with Section 1-08.3. The  
30 Progress Schedule shall include the planned time periods for Work necessary to provide  
31 all Contract requirements in accordance with Sections 8-01, 8-02, and 8-03.

32  
33 The first sentence under "**Weed and Pest Control Plan**" is revised to read:

34  
35 The Weed and Pest Control Plan shall be submitted and approved prior to starting any  
36 Work defined in Sections 8-01, and 8-02.

37  
38 In the third paragraph under "**Weed and Pest Control Plan**" the first and second sentences  
39 are revised to read:

40  
41 The plan shall be prepared and signed by a licensed Commercial Pest Control Operator  
42 or Consultant when chemical pesticides are proposed. The plan shall include methods  
43 of weed control; dates of weed control operations; and the name, application rate, and  
44 Material Safety Data Sheets of all proposed herbicides.

45  
46 The last paragraph under "**Plant Establishment Plan**" is deleted.

47  
48 **8-02.3(2)A Chemical Pesticides**

49 This section is deleted.

50

1 **8-02.3(2)B Weed Control**

2 This section is deleted.

3

4 **8-02.3(3) Planting Area Weed Control**

5 This section including title is revised to read:

6

7 **8-02.3(3) Weed and Pest Control**

8 The Contractor shall control weed and pest species within the project area using  
9 integrated pest management principles consisting of mechanical, biological and  
10 chemical controls that are outlined in the Weed and Pest Control Plan or as designated  
11 by the Engineer.

12

13 Those weeds specified as noxious by the Washington State Department of Agriculture,  
14 the local Weed District, or the County Noxious Weed Control Board and other species  
15 identified by the Contracting Agency shall be controlled on the project in accordance  
16 with the weed and pest control plan.

17

18 The Contractor shall control weeds not otherwise covered in accordance with Section 8-  
19 02.3(3)A, **Planting Area Weed Control** in all areas within the project limits, including  
20 erosion control seeding area and vegetation preservation areas, as designated by the  
21 Engineer.

22

23 This section is supplemented with the following new sub-sections:

24

25 **8-02.3(3)A Planting Area Weed Control**

26 All planting areas shall be prepared so that they are weed and debris free at the time of  
27 planting and until completion of the project. The planting areas shall include the entire  
28 ground surface, regardless of cover, all planting beds, areas around plants, and those  
29 areas shown in the Plans.

30

31 All applications of post-emergent herbicides shall be made while green and growing  
32 tissue is present. Should unwanted vegetation reach the seed stage, in violation of  
33 these Specifications, the Contractor shall physically remove and bag the seed heads. All  
34 physically removed vegetation and seed heads shall be disposed of off site at no cost to  
35 the Contracting Agency.

36

37 Weed barrier mats shall be installed as shown in the Plans. Mats shall be 3-foot square  
38 and shall be secured by a minimum of 5-staples per mat. Mats and staples shall be  
39 installed according to the manufacturer's recommendations.

40

41 **8-02.3(3)B Chemical Pesticides**

42 Application of chemical pesticides shall be in accordance with the label  
43 recommendations, the Washington State Department of Ecology, local sensitive area  
44 ordinances, and Washington State Department of Agriculture laws and regulations. Only  
45 those herbicides listed in the table *Herbicides Approved for Use on WSDOT Rights of*  
46 *Way* at [http://www.wsdot.wa.gov/Maintenance/Roadside/herbicide\\_use.htm](http://www.wsdot.wa.gov/Maintenance/Roadside/herbicide_use.htm) may be  
47 used.

48

49 The applicator shall be licensed by the State of Washington as a Commercial Applicator  
50 or Commercial Operator with additional endorsements as required by the Special  
51 Provisions or the proposed weed control plan. The Contractor shall furnish the Engineer  
52 evidence that all operators are licensed with appropriate endorsements, and that the

1 pesticide used is registered for use by the Washington State Department of Agriculture.  
2 All chemicals shall be delivered to the job site in the original containers. The licensed  
3 applicator or operator shall complete a Commercial Pesticide Application Record (DOT  
4 Form 540-509) each day the pesticide is applied, and furnish a copy to the Engineer by  
5 the following business day.  
6

7 The Contractor shall ensure confinement of the chemicals within the areas designated.  
8 The use of spray chemical pesticides shall require the use of anti-drift and activating  
9 agents, and a spray pattern indicator unless otherwise allowed by the Engineer.  
10

11 The Contractor shall assume all responsibility for rendering any area unsatisfactory for  
12 planting by reason of chemical application. Damage to adjacent areas, either on or off  
13 the Highway Right of Way, shall be repaired to the satisfaction of the Engineer or the  
14 property owner, and the cost of such repair shall be borne by the Contractor.  
15

### 16 **8-02.3(5) Planting Area Preparation**

17 In the first paragraph, the second sentence is revised to read:

18  
19 Material displaced by the Contractor's operations that interferes with drainage shall be  
20 removed from the channel and disposed of as approved by the Engineer.  
21

### 22 **8-02.3(7) Layout of Planting**

23 The second paragraph is deleted.  
24

### 25 **8-02.3(8) Planting**

26 In the second paragraph, the first and second sentences are revised to read:  
27

28 Under no circumstances will planting be permitted during unsuitable soil or weather  
29 conditions as determined by the Engineer. Unsuitable conditions may include frozen  
30 soil, freezing weather, saturated soil, standing water, high winds, heavy rains, and high  
31 water levels.  
32

33 The fourth paragraph is revised to read:

34  
35 Plants shall not be placed below the finished grade.  
36

37 The fifth paragraph is revised to read:

38  
39 Planting hole sizes for plant material shall be in accordance with the details shown in  
40 the Plans. Any glazed surface of the planting hole shall be roughened prior to planting.  
41

42 The following new paragraph is inserted after the fifth paragraph:

43  
44 All cuttings shall be planted immediately if buds begin to swell.  
45

### 46 **8-02.3(9) Pruning, Staking, Guying, and Wrapping**

47 In the first paragraph, the last sentence is revised to read:  
48

49 All other pruning shall be performed only after the plants have been in the ground at  
50 least one year and when plants are dormant.  
51

1 **8-02.3(13) Plant Establishment**  
2 In the third paragraph, the first sentence is revised to read:  
3  
4 During the first-year plant establishment period, the Contractor shall perform all Work  
5 necessary to ensure the resumption and continued growth of the transplanted material.  
6  
7 In the fourth paragraph, "propose" is revised to read "submit".  
8  
9 **8-02.3(15) Live Fascines**  
10 In the first paragraph, the fourth sentence is revised to read:  
11  
12 Dead branches may be placed within the live fascine and on the side exposed to the air.  
13  
14 In the second paragraph, the third sentence is deleted.  
15  
16 In the second paragraph, the seventh sentence is revised to read:  
17  
18 The live stakes shall be driven through the live fascine vertically into the slope.  
19  
20 **8-02.3(16)A Lawn Installation**  
21 In the third paragraph, the last two items "West of the summit of the Cascade Range - March  
22 1 to October 1." and "East of the summit of the Cascade Range - April 15 to October 1." are  
23 revised to read:  
24  
25 Western Washington Eastern Washington  
26 (West of the Cascade Mountain crest) (East of the Cascade Mountain crest)  
27 March through May 15 October 1 through November 15  
28 September 1 through October 1  
29  
30 The fifth paragraph is revised to read:  
31  
32 Topsoil for seeded or sodded lawns shall be placed at the depth and locations as shown  
33 in the Plans. The topsoil shall be cultivated to the specified depth, raked to a smooth  
34 even grade without low areas that trap water and compacted, all as approved by the  
35 Engineer.  
36  
37 In the sixth paragraph, the last sentence is revised to read:  
38  
39 Following placement, the sod shall be rolled with a smooth roller to establish contact  
40 with the soil.  
41  
42 **8-02.4 Measurement**  
43 The seventh paragraph is revised to read:  
44  
45 Fine compost, medium compost and coarse compost will be measured by the cubic  
46 yard in the haul conveyance at the point of delivery.  
47  
48 **8-02.5 Payment**  
49 The following new paragraph is inserted above the paragraph beginning with "Payment shall  
50 be increased to 90-percent.....":  
51

1 Plant establishment milestones are achieved when plants meet conditions described in  
2 Section 8-02.3(13).  
3  
4 The following is inserted after the bid item "Fine Compost":  
5  
6 "Medium Compost", per cubic yard.  
7  
8 The paragraph for the bid item "Weed Control" is revised to read:  
9  
10 "Weed and Pest Control", will be paid in accordance with Section 1-09.6.  
11  
12 The following new paragraph is inserted after the bid item "Soil Amendment":  
13  
14 The unit Contract price per cubic yard for "Soil Amendment" shall be full pay for  
15 furnishing and incorporating the soil amendment into the existing soil.  
16  
17 The following new paragraph is inserted after the bid item "Bark or Wood Chip Mulch":  
18  
19 The unit Contract price per cubic yard for "Bark or Wood Chip Mulch" shall be full pay  
20 for furnishing and spreading the mulch onto the existing soil.  
21  
22 8-03.AP8  
23 **SECTION 8-03, IRRIGATION SYSTEMS**  
24 **January 4, 2010**  
  
25 **8-03.1 Description**  
26 In this section, "staked" is revised to read "approved by the Engineer."  
27  
28 **8-03.3 Construction Requirements**  
29 The second paragraph is revised to read:  
30  
31 Potable water supplies shall be protected against cross connections in accordance with  
32 applicable Washington State Department of Health rules and regulations and approval  
33 by the local health authority.  
34  
35 **8-03.3(1) Layout of Irrigation System**  
36 This section is revised to read:  
37  
38 The Contractor shall stake the irrigation system following the schematic design shown in  
39 the Plans. Approval must be obtained from the Engineer. Alterations and changes in the  
40 layout may be expected in order to conform to ground conditions and to obtain full and  
41 adequate coverage of plant material with water. However, no changes in the system as  
42 planned shall be made without prior authorization by the Engineer.  
43  
44 This section is supplemented with the following new sub-section:  
45  
46 **8-03.3(1)A Locating Irrigation Sleeves**  
47 Existing underground irrigation sleeve ends shall be located by potholing. Irrigation  
48 sleeves placed during general construction prior to installation of the irrigation system  
49 shall be marked at both ends with a 2x4x24-inch wood stake extending 6-inches out of  
50 the soil and painted blue on the exposed end.  
51