Addendum

Addendum No.: 001
Date: 11/6/2013

Project: CNM ATC Turf Removal and Landscape Renovation
Project No.: CNM # T-2911, DPS # 13-0027.001

From: Dekker/Perich/Sabatini
7601 Jefferson St. NE, Suite 100
Albuquerque, NM 87109

To: All Prospective Bidders and Plan Holders

This Addendum forms a part of the Procurement Documents and modifies the Procurement Documents issued by Dekker/Perich/Sabatini (D/P/S) and dated 10/9/2013 and 10/15/2013. Acknowledge receipt of this Addendum on the Proposal Form. Failure to do so may subject the Offeror to disqualification. All other provisions of the Procurement Documents shall remain unchanged. This Addendum contains a total of six (6) 8 ½”x11” pages and zero (0) 24”x36” sheets.

1. GENERAL COMMENTS:
   1.1. Traffic Control Plan
      1.1.1. Include a Traffic Control Plan as part of this project, per the following:
      1.1.1.1. Per Tony Abo of DOT (798-6673), the portion of Alameda adjacent to the project site has been relinquished to the City and John Kolessar (250-2587) will be the contact person for any work done in that area. In discussion with John Kolessar, the contractor should be familiar with the City Application process, which will require a Traffic Control Plan (9:00am-3:00pm) time frame for closure of one lane.

2. DRAWINGS:
   2.1. AD-101
      2.1.1. Add General Note #18: “Sod removal with sod cutter allowed in tree protection zones within the drainage basin to 3” depth max. Contractor to ensure existing live tree roots 3” and larger shall be handled per the Tree Protection Specifications for this project.”
      2.1.3. Add General Note #20: “A systemic weed and grass killer should be applied over all turf areas per the manufacturer’s directions prior to any turf removal or installation of weed barrier fabric. Contractor to submit manufacturer’s recommended application methods and data sheets prior to use. Basis of Design shall be RoundUp or approved equal.” See also attached RoundUp Q&A document.
      2.1.4. Add General Note #21: “Turf removal is only required within drainage basin area and along sidewalks and backs of curbs to accommodate depth of rock mulches. All other turf areas shall be covered in weed barrier fabric after an approved herbicide spray has been applied and the turf grass has died back.”
   2.2. LP-101, LP-102, LP-401, LP-402, LP-501
      2.2.1. Replace all references to “Spanish Broom” or “Scotch Broom” with “Spanish Gold Broom”, species: Cytisus purgans ‘Spanish Gold’, 5 gallon container size.
      2.2.2. Add retaining boulders above existing culvert pipes. See attached SKL-001.
   2.3. LP-501
      2.3.1. Revise Detail D1, note #1 to read: “Finish grade of landscape materials to be ½” below top of adjacent concrete at landscape areas. See landscape plans and C3/LP-501 for material locations, types, and depths.”
   2.4. LI-104
      2.4.1. Revise Detail labeled “PVC to Netafim Connection at Tree” to show poly tubing immediately below weed barrier fabric, rather than 4” below grade.

3. SPECIFICATIONS:
   3.1. Section 015639 – Tree and Plant Protection
      3.1.1. The specifications generally do not allow for mechanical trenching in tree protection zones. However, due to the great extent of tree protection on this site, trenching by mechanical means may be utilized provided that the contractor does not cut or damage roots 3” or larger, per the tree protection specifications as outlined in the Project Manual.
All other provisions of the Contract Documents shall remain unchanged. This addendum is hereby made a part of the Contract Documents to the same extent as those provisions contained in the original documents and all itemized listings thereof.

End of Addendum
1. EXISTING TOP EDGE OF DRAINAGE BASIN AREA.
2. PROPERTY LINE.
3. EXISTING CULVERT PIPES TO REMAIN.
4. EXISTING DRAINAGE OUTLET WITH NEW ROCK BLANKET, SEE DETAIL C2/LP-501. CUT BACK DAMAGED PVC PIPE AND REPLACE WITH NEW.
5. EXISTING DRAINAGE OUTLET WITH NEW ROCK BLANKET, SEE DETAIL C2/LP-501. CLEAR SOIL AWAY FROM OUTLET TO PROVIDE POSITIVE DRAINAGE AND CUT BACK DAMAGED PVC PIPE TO MATCH ANGLE OF FINISHED GRADE.
6. LIMITS OF WORK.
7. RETAINING BOULDERS, SEE D2/LP-501
8. LANDSCAPE BERM AREA, APPROX. 12" HEIGHT FROM FINISHED GRADE, TYP.
**ROUNDUP® Q & A BULLETIN**

What is Roundup®?
Roundup® Weed & Grass Killer Super Concentrate is a glyphosate-based non-selective herbicide for the control of actively growing grass and weeds. Roundup® Weed & Grass Killer Concentrate Plus contains both Glyphosate and Diquat. Roundup® Extended Control Weed & Grass Killer Plus Weed Preventer contains Glyphosate, Imazapic, Pelargonic acid and fatty acids (in the ready to use version) and Glyphosate, Diquat, and Imazapic in the concentrate version. Roundup® Ready to Use Weed & Grass Killer contains Glyphosate and both Pelargonic and fatty acids. Roundup® Poison Ivy Plus Tough Brush Killer products contains Glyphosate and Triclopyr.

How Does Roundup® Work?
Roundup® is applied to foliage. It is absorbed into plant tissue and moved throughout the plant to kill roots and all. It works only on plants that have emerged through the soil. It will not affect seeds that have not yet sprouted, and Roundup® does not move through the soil. The exception to this is Roundup® Extended Control Weed & Grass Killer Plus Weed Preventer, which does prevent the emergence of plants from seed for four months. Thus it should not be used prior to planting desirable plant seed.

Where is Roundup® most commonly used?
Used mostly in and around fences, trees, shrubs, driveways, flowerbeds and walkways. It is not recommended for control of weeds in lawns. It can be used when replacing a lawn. Grass seed or sod can be planted 7 days after application.

When can humans or pets re-enter the treated area?
Once the product has dried, humans and pets can re-enter this area.

When can I reseed/replant after using Roundup®?
Do not reseed within 4 months of using Roundup® Extended Control Weed & Grass Killer Plus Weed Preventer. Ornamentals and flowers may be planted or seeded 1 day after applying regular Roundup® Ready to Use Weed & Grass Killer. Roundup® Ready to Use Weed & Grass Killer and Roundup® Weed & Grass Killer Super Concentrate can be used in vegetable gardens, and edible crops listed on the label may be planted from transplant or seed after 3 days. If a crop is not listed on the label, wait 30 days before planting.

Roundup® Poison Ivy and Tough Brush Killer, Roundup® Weed & Grass Killer Super Concentrate and Roundup® Extended Control Weed & Grass Killer Plus Weed Preventer are NOT for use within 24 inches of any edible plant.

What is the best temperature to apply Roundup®?
Ideal temperatures are 17-30 C (65-85 degrees F) during the day. Very cold nighttime temperatures could slow down results, but generally nighttime temperatures are less important than daytime temperatures. If temperatures are below 16 degrees C.(60 degrees F), Roundup®
will still work, but it will take longer to see results. We don’t think Roundup® will give satisfactory results if daytime temperatures are consistently below 15 degrees C (50 degrees F).

**Will rain or watering before or after application reduce effectiveness?**
The soil should be moist before using Roundup® to ensure the weeds will be actively growing. Rainfall within 6 hours after treatment (2 hours for Rain-Proof formula) could reduce performance.

**Should I mow the area before or after Roundup® application?**
Do not mow, cut, till or otherwise disturb most weeds for 7 days before or after applying this product. For brushy weeds, don’t disturb for at least 2-4 weeks after application, or until visible signs of wilting or browning are observed.

**When should I see visible results that the product is working?**
Wilting and yellowing usually occur within 1 week after using Roundup®. Complete kill may take 2-4 weeks, depending on the weed. Brushy weeds usually show effects within 7-14 days, with brownout and defoliation occurring by 4-8 weeks.

**Can Roundup® Be Used Near Bodies of Water?**
Roundup® Ready to Use Weed & Grass Killer, Roundup® Weed & Grass Killer Concentrate Plus, Roundup® Weed & Grass Killer Super Concentrate and Roundup® Poison Ivy Plus Tough Brush Killer can be used right up to the edge of a body of water, but can't be sprayed into the water, because it can be harmful to aquatic organisms. It binds tightly to soil and does not move from the site of application, so Roundup® won't contaminate water if it isn't applied directly to water. Do not use Roundup® Extended Control Weed & Grass Killer Plus Weed Preventer within 10 feet of a body of water.

If area doesn't currently contain water, but will in the future (e.g. empty ditch or pond) it shouldn't be a problem using Roundup® Ready to Use Weed & Grass Killer, Roundup® Weed & Grass Killer Concentrate Plus, Roundup® Weed & Grass Killer Super Concentrate or Roundup® Poison Ivy Plus Tough Brush Killer as long as it will be at least 7 days before the area is filled with water.

**Breakdown:**
Glyphosate: The main active ingredient in Roundup® degrades in soil with an average half life of 45 days, with 90% degraded in less than 6 months. Breakdown occurs primarily by soil microbial degradation. The microbes are not harmed during breakdown.

**Inert Ingredients:**
Roundup® is water based and contains soap-like materials called surfactants. These surfactants help Roundup® to adhere and penetrate weeds.

**Mode of Action:**
Glyphosate, the active ingredient in **Roundup®**, is absorbed through the leaves and green stems of actively growing plants. Once absorbed, it's moved throughout the plant. Glyphosate inhibits the production of amino acids found only in plants and essential for plant growth and life.

Glyphosate binds tightly to soil particles, so won't move on or in soil. Therefore it won't harm plants you don't spray, but do watch that drift doesn’t get on desirable plants.

(The substance inhibited in plants is an enzyme necessary for the formation of aromatic amino acids.)

**Is Roundup® Volatile?**
Volatility, or the rate at which a compound vaporizes in air, is an important factor in its potential inhalation or its redistribution by air movement. Because glyphosate-based herbicides have an extremely low vapor pressure, they do not vaporize. This low volatility characteristic means that there is virtually no likelihood of inhalation by animals or redistribution by air.

**What is the Shelf Life of the Roundup® products?**
**Roundup®** concentrates have a shelf life of 8 years when stored undiluted in original container. The Ready-To-Use products have a shelf life of at least 4 years.

**Will use of Roundup® affect wells?**
This product binds tightly to soil particles, so won't move in or on the soil to untreated areas. It should not be applied over an open well or water source. Also watch that no drift goes over open water.

**How should Roundup® products be stored?**
Store in original container in a cool, dry, preferably locked storage area. Make sure caps are tightly closed. As with all chemicals, keep out of the reach of children and pets.

Keep from freezing. Freezing won't affect the performance of a product, but could cause container damage.

High temperatures can reduce the shelf life of a product.

**Can Roundup® containers be re-cycled?**
Currently, we cannot recommend recycling this container. The recycle symbol on the bottom of some of our containers indicates that the container material is recyclable. However, because this container held a pesticide, most recycling facilities will not accept the used container.

**Other Technical Information:**
Refer to MSDS for technical information such as product appearance, specific gravity, NFPA ratings, etc. (Note: our MSDSs won’t have HMIS ratings, because these ratings were developed by the National Paint and Coatings Association, HMIS ratings are typically applied to paints, coatings and solvents.)