



**PRE BID  
ADDENDUM NO. 2**

TO THE BID DOCUMENTS

FOR

CONEJO VALLEY UNIFIED SCHOOL DISTRICT

AT

**Newbury Park High School**  
Softball Field and Parking Lot

**PROJECT # MP19/20-16-NPH**

PREPARED BY

Name – Ken Thomas

July 14, 2020

**NOTICE TO BIDDERS:** You are hereby notified of the following changes, clarifications or modifications to the original Contract Documents, Project Manual, Drawings, Specifications and subsequent Addenda. This addendum shall supersede the original contract documents, and any previous addenda wherein it contradicts the same and shall take precedence over anything to the contrary therein. All other conditions remain unchanged. The bidders shall acknowledge receipt of this Addendum in the Bid Form, Specification Section 00 21 00.

This Addendum consists of 13 pages:

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**Changes to the Project Plans/Specifications:**

<u>ITEM</u>	<u>SHEET/SECTION</u>	<u>DESCRIPTION</u>
<u>1.</u>	02 90 00 – Landscaping	Replace in its entirety, Spec Section 02 90 00 with the attached Spec Section 02 90 00.

Please acknowledge receipt of this **Addendum No. 2** by return e-mail to:

Mike Stanford – mikestanford@conejousd.org

**Acknowledge this and all Addenda with your bid package on the Bid Form.**

**ADDENDUM NO. 2  
TO THE BID DOCUMENTS FOR  
Softball and Parking Lot Project  
MP19/20-16-NPH**

**ACKNOWLEDGEMENT:**

_____	_____
Signature	Date
_____	_____
Name (Print or Type)	Company Name

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SECTION 02900  
LANDSCAPING

- 1.00 GENERAL: Requirements of Division 0 apply to this Section.
- 1.01 SCOPE: Furnish materials and perform labor required to execute this work as indicated on the drawings, as specified, and as necessary to complete the Contract, including, but not limited to, these major items:
- A. Landscaping.
  - B. Landscaping Grading and Import Soil.
  - C. Weed Control.
  - D. Soil Preparation.
  - E. Ground Covers.
  - F. Trees, Shrubs.
  - G. Turf (Hydroseeding).  
1. Bid Alternate: Sod Turf.
- 1.02 RELATED WORK SPECIFIED ELSEWHERE AS REQUIRED
- A. (Site) Grading and Earthwork.
  - B. Irrigation.
- 1.03 QUALITY ASSURANCE
- A. Field Conditions: Verify drawing dimensions with actual field conditions. Inspect related work and adjacent surfaces. Report to the Architect and Landscape Architect all conditions which prevent proper execution of this work.
- 2.00 PRODUCTS
- 2.01 LANDSCAPE GRADING AND IMPORT SOIL
- A. Rough grading shall consist of, but not limited to, establishing all grades as shown and as noted on the plans, establish flow lines, contour grading, and removing any foreign materials.
    - 1. After rough grading, the site shall be cross-ripped to a depth of 12 inches and soil prepared as specified. Sprinklers shall be installed before final finish grade is established.
  - B. Finish grading shall be done after the soil preparation and underground work has been completed. Establish final flow lines and gradients for uniform water drainage. Flow lines and gradients shall be established for the high point to the inlet structure or outlet. Roll the flow line to assure a straight and even line from the high point to the drainage outlet or an inlet structure.
    - 1. All finish grades shall be floated to assure a uniform surface without irregular drips or ridges.
    - 2. The Contractor is responsible for bringing all planting areas to finish grade after the soil preparation. Finish grade shall be 2 inches below paving and curbs at turf and 1 inch below paving and curbs at ground cover areas or as noted by spot elevations. Special attention shall be given to maintaining continuous and even flow lines, and drainage away from structures to drain inlet and outlets.

3. Grades shall be established to drain all water away from structures and from behind walls. When drainage is difficult to achieve, the Contractor shall notify the Landscape Architect and request a solution before continuing. Grades in shrub areas shall be established prior to planting of ground cover. On slope planting, water basins shall be retained.
  4. Sprinkler heads shall be raised to the proper heights as detailed, prior to planting.
  5. The contractor shall coordinate with the General Contractor, Superintendent, or assure himself that all trenches in the landscape area are properly compacted, brought to grade, and completed prior to complete of grading and planting of turf areas.
  6. All fill areas and constructed berms or mounds shall be compacted in even levels to a maximum compaction of 80% in the construction and rough grading stages.
  7. The Contractor shall be responsible for excessive shrinkage for a period of one year.
- C. Import Soil: If imported soil is required to bring areas to finish grade, soil furnished by the Contractor shall be a friable soil possessing the same characteristics as the existing site soil. The soil shall be reasonably free from subsoil, brush, objectionable weeds, rocks, organic or inorganic, soil sterilants, salts, and not a soil removed from road bed excavations.
1. Prior to important, all areas receiving new soil shall be ripped to a depth of 8", 6" of new import soil shall be applied to these areas, and thoroughly disked or blended into the existing ripped site soil. Additional import may then be applied until proposed grades are established.
- D. Soils Reports: The Contractor shall furnish the Landscape Architect with soil reports on both native soils on the site and on all imported soil.
1. Soil samples of on-site native soil shall be selected at random over the site. The locations where samples are taken shall be designated and indicated on a site plan which shall be retained by the Contractor until final approval of the landscape work.
  2. All on-site soil samples shall be taken after the site has been rough graded and ripped to a depth of ~~4244~~ 12 inches, but before soil preparation materials have been incorporated.
  3. Soil reports shall be prepared by a testing agency registered by the State of California for agricultural evaluation. ~~Soil reports shall be prepared by Wallace Laboratories, El Segundo, CA or Soil and Plant Laboratory, Orange, CA.~~ The report shall include soil fertility, soil texture, infiltration rate determined by laboratory test or soil texture infiltration rate table, pH, total soluble salts, sodium, boron, percent organic matter, SAR and soil particle evaluation, PH, ESP, SAR, EC, Boron levels, and include any recommendations for correcting adverse conditions. Soils report must fulfill the requirements of the soils management test required for Water Efficiency Landscape Ordinance (WELO) compliance.
  4. Any soils imported to the site found to be unsuitable by the Architect shall be removed from the site and replaced with an approved soil at the Contractor's expense.
  5. The Contractor shall pay all expenses for soil testing.

## 2.02 WEED CONTROL

- A. Materials: Non-selective contact herbicide(s) and/or nonselective systemic herbicide(s) compatible with seed mixture(s) and vegetatively planted materials.
  - 1. Pre-emergent herbicide(s) compatible with seed mixture(s) and vegetatively planted materials.
  - 2. Approved Weed Control Materials and Applicator: The applicator of all weed control materials shall be licensed by the State of California as a Pest Control Operator and a Pest Control Advisor in addition to any subcontractor licenses that are required.
    - a. Prior to the installation of any weed control materials, the Pest Control Advisor shall submit to the Landscape Architect a list of the weed control materials and quantities per acre intended for use in controlling the weed types prevalent and expected on the site. Pest Control Advisor shall furnish data to demonstrate the compatibility of the weed control materials and methods with the intended planting and seeding varieties.
    - b. No material or method shall affect the landscape planting or hydro seed germination and establishment, and must conform to Federal, State and local regulations.

## 2.03 SOIL PREPARATION

- A. Materials for Planting in Native Soil: Samples shall be stored on the construction site in a secured place. Affidavits shall accompany each sample stating the same conforms to the following specifications.
  - 1. Composted Redwood or Fir: Shall be derived from 100% redwood or Fir, be granular in nature, stabilized with organic nitrogen, treated to absorb water quickly.
  - 2. Commercial Fertilizer: (12-12-12) shall have the manufacturer's label showing weight and analysis attached to each sack.
  - 3. Ammonium Sulfate: (21-0-0) See Paragraph 2.06.
- B. Materials for Light Weight Soil: Samples of materials listed below shall be submitted to the Architect for inspection and approval. Affidavits shall accompany each sample stating the same conforms to the following specifications. Samples shall be stored on the construction site in a secure place.
  - 1. Agricultural pumice.
  - 2. Coarse ground peat moss.
  - 3. Hoof and Horn Meal 13.5-0-0.
  - 4. Calcium carbonate lime.
  - 5. Dolomite lime.
  - 6. Potassium sulfate.
  - 7. Single Super Phosphate.
- C. Certificates: In addition to any certifications specified, the Contractor shall furnish a certificate with each delivery of bulk material, stating job name, date, source, quantity, and type of

material, and that shall be delivered to the Architect at the time of each delivery. All bulk, delivered materials shall be delivered with level load volume plainly marked on the truck bed.

1. Delinquency in supplying the Architect with material certificates shall negate any objections by the Contractor should the Architect be dissatisfied with materials and require further soils tests for verification. Costs of soils tests are the responsibility of the Contractor.
2. If a composite soil sample, prepared by a soils laboratory, results in negative finding, the soil preparation will be unacceptable. The Contractor shall re-prepare the total site to meet the plans and specifications.

D. Installations: Areas of Native Soil.

1. Soil preparation shall not start until all rough grades are approved, site construction (concrete, masonry, carpentry, etc) irrigation, and electrical work has been completed, the areas have been ripped to a depth of ~~4244~~ 12 inches, and soils reports have been submitted to the Architect for review.
2. If recommendations from the Soils Laboratory indicate the incorporation of additional materials, or the quantities of specified materials should be changed, the Contractor shall submit a revised cost for the work based on unit costs provided.
3. If the soil reports indicate salinity in excess of acceptable levels, areas shall be thoroughly leached after the incorporation of soil amendments, but before the application of pre-plant fertilizer. Leaching should consist of at least three applications of irrigation water, applied at a rate slow enough to prevent runoff, which will wet soil to a depth of 24". These water applications should be spaced to provide for internal soil drainage. A wetting agency may be utilized to improve percolation.
4. Soil salinity levels should be re-checked following the leaching process to determine the improvement. When salinity level is within the acceptable range, pre-plant fertilizers may be incorporated and soil preparation completed.
5. Areas to be Planted: Spread soil preparation materials over all areas to be planted at the following rate:
  - a. Composed Redwood or Fir: 4 cu.yds./1000 sq.ft.
  - b. Commercial Fertilizer: Triple Six (12-12-12) 35 lbs./1000 sq.ft.
6. Till the soil by rototilling or other approved method of blending in crossing directions to incorporate all soil amendments evenly to a depth of 6 inches. Thoroughness of mix to be approved by the Landscape Architect.
7. Remove all debris and rock over 2 inches in diameter from loosened soil, and bring areas to finish grade. Finished grades shall be of uniform slope and grade between points of fixed elevations.
8. The Contractor shall be responsible for repair or replacement of existing line, conduits, direct burial wire sprinkler system, concrete, or masonry he has damaged.

E. Installation: Light weight soil.

1. All planting areas located above grade shall be filled with a light weight soil. The light weight soil shall be "machine mixed" at the site in the following proportions:
 

Agricultural pumice	50%
Coarse ground peat moss	50%
Hoof and Horn	50 lbs./110 cu. yd. mix
Potassium sulfate	5 lbs./110 cu. yd. mix
Single Super Phosphate	25 lbs./10 cu. yd. mix
Dolomite lime	75 lbs./10 cu. yd. mix
Calcium carbonate lime	25 lbs./10 cu. yd. mix
2. All ingredients shall be thoroughly combined to provide a mixture of uniform consistency.
3. Place light weight soil in designated planting areas in conjunction with the planting operation.

## 2.04 TREES AND SHRUBS

### A. Materials:

1. Shrubs: See Plant List on Drawings.
2. Trees: See Plant List on Drawings.
3. Trees Stakes: **See Planting Details on Drawings. All trees shall be doubled staked or guyed, per details.**
4. Ties:
  - a. Acceptable Materials:
    - (1) "Tye-All"; Chain like ties "Bark" color by C. Taylor, La Habra, California.
    - (2) "Cinch" tie, **24 inch** minimum length.
    - (3) "Gro Strait" Tire rubber ties minimum 18 inches wide, 14 gauge galvanized wire tie tails.
5. Tree Root Control Barrier: **See Root Control Barrier Detail on Drawings.**
  - a. Installation shall be as recommended by the manufacturer.
6. Composted Redwood or Fir shall be derived from 100% Redwood or Fir, be granular in nature, stabilized with organic nitrogen, treated to absorb water quickly.
7. Commercial Fertilizer: (12-12-12) shall have the manufacturer's label showing weight and analysis attached to each sack.
8. Iron Sulphate.

- B. General: Quality of all plants shall conform to the State of California Grading Code of Nursery Stock #1 Grade, and full size. They shall be vigorous, of normal growth, free of disease, insects and latent defects.
1. Pruning shall not be done prior to delivery except by specified written approval from the Landscape Architect.
  2. Inspection of plant materials required by the City, County, State or Federal authorities shall be the responsibility of the Contractor, and he shall have secured permits or certificates prior to delivery of plants to the site.
  3. Plants shall be subject to inspection and approval or rejection at place of growth and on the project site at anytime before or during progress of work for size, variety, condition, latent defects, and injuries. Rejected plants shall be removed from the project site immediately.
  4. Substitutes will not be permitted unless specifically approved **in advance** by the Architect in writing.
  5. Quantities shall be furnished as needed to complete work on the drawings.
- C. Planting Installation: Spot plants in their locations as indicated on the drawings and obtain approval from the Architect before excavating pits. Make necessary adjustments if directed.
1. Plants not dimensioned as to precise locations on the drawings shall be scaled from the drawings and the plant placed in the appropriate relationship as indicated.
  2. Backfill Mix: Backfill shall consist of a mixture composed 6 parts by volume on site soil, 4 parts by volume composted redwood fir, to which is added 1 lbs. Commercial fertilizer, and 2 lbs. Iron sulfate for each cubic yard of mix.
  3. Backfill shall be "machine mixed" at the site. Sufficient native soil may be generated at the time of rough grading, or import soil used. Import shall match the native soils texture, density, and particle size. Mixing of amendments by tractor drive rototiller at the site will be an acceptable method of blending backfill. Iron sulfate should not contact concrete surfaces as severe staining may occur.
  4. The plant holes shall be dug by any method acceptable to the Landscape Architect. Slick pit walls caused by auguring in too wet soil will not be acceptable for **planting**.
  5. No planting shall occur during weather conditions which will adversely affect plant materials or when soil is in muddy condition.
  6. Holes shall be dug and prepared for all plants indicated on the plans.
  7. No boxed, balled, or canned plants shall be planted if the ball is broken, cracked, **not fully rooted** or root bound, whether before or during the process of planting. Any trees planted by the Contractor that die or have bark, branch, or die back injury shall be replaced with equal trees approved by the Architect at the Contractor's expense.. All boxed trees shall be guaranteed by the Contractor for one year.
  8. Tree staking and guying shall be as detailed.

## 2.05 TURF



## A. HYDROSEEDING

All areas indicated as "turf" shall be hydroseeded as follows:

### 1. Materials:

#### a. Seed Product: "PRO SPORTSFIELD SUPREME MIXTURE"

35% Rainwater Perennial Ryegrass  
35% Manhattan 5 GLR Perennial Ryegrass  
30% LA Prima XD Bermudagrass  
Minimum Purity: 98% (Prior to coating)  
Minimum Germination: 90%

#### b. Mulch: 2,000 pounds per acre. EcoFibre wood mulch.

#### c. Binder: Environ-mend Binder at 150 pounds per acre. Add slowly to tank.

#### d. Pre-plant Fertilizer: Starter fertilizer (15-15-15) at 400 pounds per acre. Incorporate additional elements as needed by soil test.

#### e. Seeding Rate: 500 Lb / Acre

#### f. Product Source: Seed, binder and mulch available from:

Stover Seed Company  
P.O. Box 1579  
Sun Valley, CA 91353  
(800) 621-0315, (213) 626-9668, FAX (213) 626-4920  
www.stoverseed.com

2. Certification of Materials: The hydroseed applicator shall be responsible for submitting all seed bag certification tags and a signed certificate list of the quantity and type of material used in the hydroseed installation. Deliver certified test reports to the Architect.

3. Inspection: Site shall be properly prepared; weed control shall have been effective; irrigation sprinklers shall have been programmed so their operation is compatible with the unsatisfactory conditions are corrected.

4. Installation: Within 3 days after trees in turf areas have been planted, apply the Seed Product and Materials listed in Section 2.05(A.1) above per hydro-mulching application below.

### 5. Hydro-Mulching Application:

a. Equipment: Hydraulic equipment used for the application of the fertilizer seed and slurry of prepared wood pulp shall be of the "Super Hydro-Seed" type as approved by the Landscape Architect. The equipment shall have a built-in agitation system and operating capacity sufficient to agitate, suspend, and homogeneously mix a slurry containing not less than 40 lbs. of fiber mulch plus a combined total of 7 lbs. Fertilizer solids for each 100 gallons of water.

b. The slurry distribution lines shall be large enough to prevent stoppage and shall be equipped with a set of hydraulic spray nozzles which will have a minimum capacity of 1.500 gallons, and shall be mounted on a traveling unit, either self-propelled or drawn by a separate unit, which will place the slurry tank and spray nozzle within sufficient proximity to the areas to be seeded.

c. Preparation: Prepare at site of the work.

1. Add water to tank, with equipment operating at half-speed.

2. When water level reaches height of agitator shaft and good recirculation has been established, add the seed.
  3. After adding the seed and when the tank is at least 1/3 filled with water, add the fertilizer.
  4. Increase to full speed when tank is 2/3 filled with water.
  5. Start adding wood pulp mulch; all to be added by the time tank is between 2/3 and 3/4 filled.
- d. Application: Begin spraying as soon as tank is full.
1. Apply slurry in an even uniform visible coat; use an arched stream in a weeping motion so slurry will fall like rain allowing wood fibers to build on each other until a proper coating and required coverage has been achieved.
  2. Reseed any bare or damaged areas as required to provide proper coverage.
- e. Time Limit for use of Slurry Mixture: Slurry must be applied within 4 hours of mixing, or it will be rejected and removed from the project at the Contractor's expense.
- f. Protection: Special care should be exercised by the Contractor in preventing any of the slurry to be sprayed inside and reservoir basin or onto drainage ditches and channels which may impede the free flow of rain or irrigation water. Any slurry spilled onto restricted areas shall be cleaned up at the Contractor's expense.
1. It shall be the responsibility of the applicator to assure himself the site is properly prepared, the irrigation system is operating and programmed not to affect the results of his operations, and that the weed control has been effective.
  2. The applicator shall be responsible for notifying the Contractor and Architect if he feels that the site is not properly prepared.
  3. The applicator shall take responsibility for repairing all damage created by his equipment. Repairs shall be blended and floated to match surrounding areas and reseeded.
- g. Post Seeding Specifications:
1. Watering: Apply adequate moisture to germinate seed. Water three to four time's daily depending upon seasonal conditions. It is imperative that the seedbed be kept moist all day during germination. Avoid excessive watering which can cause puddling.
  2. Weeds: Do not apply any post-emergent herbicides for at least 60 days after planting. Refer to the manufacturer recommendations for use on the product. Under ideal conditions all weed eradication should be performed before planting the seed

**B. BID ALTERNATE 'A'**

Contractor shall provide a bid alternate as follows: All areas indicated as "turf" shall be installed with sod in place of hydro-mulching as follows:

**1. Materials:**

1. Sod – “TIFWAY II BERMUDA GRASS”. Available from:  
West Coast Turf  
PO Box 4563  
Palm Desert, CA 92261  
(760) 340.7300, (888) 893-8873, (760) 340.7345 fax  
[www.westcoastturf.com](http://www.westcoastturf.com)
2. Areas shall have a smooth and continual grade between existing or fixed controls, such as: walks, curbs, catch basins. Roll, scarify, rake and level as necessary to obtain true, even soil structure.
3. Apply fertilizers and amendments as specified on Planting Detail Sheet and mix into the soil.
4. Sod shall be installed the same day it is delivered. Sod shall not be left on pallets in the hot sun. Contractor shall be responsible for any and all damage to sod not installed on day of delivery.
5. Unroll sod carefully and place in staggered pattern of strips. Sod shall be installed against adjacent strips to eliminate joints and edges.
6. Trim sod to conform to lawn shapes designated in the Planting Plan.
7. After sod is laid, it shall be irrigated thoroughly to provide moisture penetration to at least 6" into prepared soil.
8. All sod in sodded areas shall be handled and laid in a high standard workmanship manner. All ends, joints, and cuts shall fit tightly so that there are no voids and the final appearance is one of a continuous lawn. Sections of sod less than 18" long or 9" wide shall not be used.
9. No sod area will be accepted until approved by the Architect.

## 2.06 MAINTENANCE PERIOD

- A. 90-Day Minimum Maintenance. The Contractor shall continuously maintain all landscaped areas included in the Contract during the progress of the work, the maintenance period, and until final acceptance of the work. After all specified work, including all other Divisions, have been completed, inspected, and approved, the Contractor shall maintain all planted areas by means of continuous watering, weeding, cultivating, spraying, mulching, trimming, or other operations necessary for their care and up-keep for a period of not less than 90 days except that the maintenance period shall be extended to include the time necessary to meet the requirements of completion of the entire project per the plans and specifications, and as hereinafter specified. The 90 day maintenance period will not begin until the project has received its certificate of occupancy.
- B. Landscaping Planting: All dead plants shall be replaced immediately. Any materials not acceptable at the completion of maintenance shall be replaced by the Contractor at his cost. Trees shall be guaranteed for one year.
- C. Irrigation: The Contractor shall keep all irrigation controllers, valves, lines, and heads clean and in good working order, and any damages during maintenance period shall be repaired by the Contractor at his cost.

- D. Turf: The Contractor shall water all seeded turf areas as often as required for optimum growth. All seeded areas shall have a satisfactory stand of grass acceptable to the Architect at the end of the maintenance period. Unacceptable areas shall be reseeded immediately. Final inspection shall not be called for until a good turf has been established.
- E. Mowing: All turf areas shall be mowed with a hand propelled reel mower for the first cutting. The cutting blade shall be sharpened prior to the first cutting. The cutting height shall be set 2" above grade. All clippings shall be removed from turf areas after each mowing. The turf shall be mowed at least two times prior to final inspection, or as directed by the Landscape Architect.
- F. Fertilizing: Beginning approximately 30 days after planting, Ammonium Sulfate shall be applied to all planted areas at the rate of 5 lbs per 1000sq.ft. Ammonium sulfate shall be applied at 30 day intervals during the maintenance period.
- G. Start and Finish of Maintenance Period and Final Inspection: When all landscape improvements have been installed in accordance with the plans and specifications, the Contractor shall notify the Landscape Architect and request a "Start of Maintenance" inspection. If the Landscape Architect determines the work to be substantially complete and in conformance with the plans and specifications and the certificate of occupancy has been issued, the Contractor will be advised that the basic maintenance period has started. In order to be substantially complete, at least the following must have been finished:
1. All fine grading, including elimination of low points that hold runoff.
  2. A complete and operable irrigation system.
  3. Installation of all plant materials.
  4. Uniform germination of seeded areas.
- Minor pick-up items may be completed during the basic maintenance period such as:
- (a) Replacement of damaged or non-conforming plant material.
  - (b) Restaking or tying of trees:
  - (c) Removal of watering basins.
  - (d) Filling of settled areas caused by application of normal watering.
  - (e) Reseeding bare and sparse areas in turf. At least 60 days before requesting end of maintenance inspection.
- H. At the end of the 90 day minimum **maintenance**, and **after** all pick-up items have been completed, the Contractor shall request a final inspection. The Contractor will be advised by the Landscape Architect at the final inspection that work is or is not satisfactory.
1. If the work is satisfactory, the basic maintenance period will end on the date of the final inspection.
  2. If the work is unsatisfactory, the basic maintenance period will continue at no additional expense to the Owner until the work has been completed, inspected, and approved by the Landscape Architect.

- I. Guarantee: All boxed trees shall be guaranteed for one year or a yearly growing cycle depending on the time of planting. All plant materials shall be guaranteed for a period of at least 90 days following planting which die or decline as a result of the planting or maintenance operation. Guarantees as required by other sections of these specifications shall be in effect after final inspection and acceptance by the Owner.

Maintenance Period Extension: The Owner shall have the option to extend the maintenance period in 30 day increments for a maximum of 90 days. If the maintenance period is extended by the Owner, the unit price for the first 30-day maintenance period shall be the unit price for the additional 30-day maintenance periods.

END OF SECTION