SECTION "H"
DESCRIPTION OF BID ITEMS

Basis of payments for all items measured by the linear foot shall be the measured horizontal distance.

ITEM NO. 1. REPLACE WELL PUMP AND INSTALL ELECTRICAL UPGRADES

Under this item, Contractor shall provide all necessary equipment, labor and material required and install a new, variable drive 3 Phase/7.5 Horsepower pump (which will replace an existing 3 Phase/1.5 Horsepower pump) for the irrigation well located at 25 Olema-Bolinas Road, Bolinas (at the Resource Recovery Center site) and upgrade the electrical service at the existing panel to support the new pump, including but not limited to permit fees, mobilization, traffic control, utility location verification, surface restoration, and cleanup, complete in accordance with the Drawings, applicable permit requirements and as specified herein.

ITEM NO. 2. INSTALL 2-INCH SCHEDULE 40 PVC PIPING

Under this item, Contractor shall provide all necessary equipment, labor and material required and install approximately 1,560 linear feet of 2-inch Schedule 40 PVC piping from the new well pump installed under Item No. 1 to the point of connection specified on the Drawings and replace any Juncus grass disturbed by the installation, including but not limited to permit fees, mobilization, traffic control, utility location verification, saw cutting pavement, excavation, bedding, corporation stop, pipe, coupling, structure backfill material, aggregate base or CDF, tack coat, asphalt concrete, compaction, removal and disposal of any existing piping, disposal of excess material, temporary trench patch paving, trench maintenance, surface restoration, and cleanup, complete in accordance with the Drawings, applicable permit requirements and as specified herein.

ITEM NO. 3. INSTALL SOLENOID/CONTROL VALVES AT IRRIGATION TANKS AND CALIBRATE WITH NEW WELL PUMP.

Under this item, Contractor shall provide all necessary equipment, labor and material required to install solenoid/control valves at the water tanks located at 101 Mesa Road and properly calibrate those valves with the new well pump so that the tanks will fill automatically and cease filling when full, including but not limited to permit fees, mobilization, traffic control, utility location verification, disposal of excess material, and cleanup, complete in accordance with the Drawings, applicable permit requirements and as specified herein.

ITEM NO. 4. RESTORE SOCCER FIELD AND HYDRO-SEED WITH APPROVED SPORTS FIELD TURF MIX.

Under this item, Contractor shall machine grub and stock pile organic materials to the area designated on the Drawings; rip and cross-rip existing 300x200-foot field surface a minimum of 12-inches; rough grade the field for a uniform surface that retains the slight natural West-to-East fall for drainage (which shall be approved by the Project Manager before further work proceeds); rototill and uniformly mix 1000 Cubic Yards of imported topsoil (Sonoma Compost's basic organic mix, or equal) into top 6-inches of the graded surface; attain a clean, uniform surface free of rocks and debris (which shall be approved by the Project Manager before further work proceeds); install 500 cubic yards of new topsoil material (Sonoma Compost's Mallard Plus organic with a 5% washed sand mix added, or equal) and fine grade/prepare for seeding; create a new drainage swale along the Eastern border of the field; use spoils to fill in existing drainage swale along the North side of field; hydro-seed areas with approved sports field turf mix; coordinate hydro-seeding with Item 6 (installation of irrigation system) to ensure water is available on-site to irrigate the field immediately after hydro-seeding, including but not limited to permit fees, mobilization, traffic control, utility location verification, disposal of excess material, surface restoration, and cleanup, complete in accordance with the Drawings, applicable permit requirements and as specified herein. No herbicides, pesticides or toxic materials of any kind may be used in connection with this Item or any other aspect of the Work. Contractor must replace/repair any areas of field not established with sports field turf grass within 120 days of completion of this Item 4.

ITEM NO. 5. AERATE BASEBALL FIELD AND HYDRO-SEED WITH APPROVED SPORTS FIELD TURF MIX.

Under this item, Contractor shall machine aerate the baseball field designated on the Drawings; rototill and uniformly mix 1000 Cubic Yards of imported topsoil (Sonoma Compost's basic organic mix, or equal) into top 6-inches of the graded surface; attain a clean, uniform surface free of rocks and debris (which shall be approved by the Project Manager before further work proceeds); install 500 cubic yards of new topsoil material (Sonoma Compost's Mallard Plus organic with a 5% washed sand mix added, or equal) and fine grade/prepare for seeding; hydro-seed areas with approved sports field turf mix; coordinate hydro-seeding with Item 6 (installation of irrigation system) to ensure water is available on-site to irrigate the field immediately after hydro-seeding, including but not limited to permit fees, mobilization, traffic control, utility location verification, disposal of excess material, surface restoration, and cleanup, complete in accordance with the Drawings, applicable permit requirements and as specified herein. No herbicides, pesticides or toxic materials of any kind may be used in connection with this Item or any other aspect of the Work. Contractor must replace/repair any areas of field not established with sports field turf grass within 120 days of completion of this Item 5.

ITEM NO. 6. INSTALL FIELD IRRIGATION SYSTEM AT SOCCER FIELD AND BASEBALL OUTFIELD.

Under this item, Contractor shall either rehabilitate an existing irrigation system installed at the soccer field (re-using and repairing any portion thereof that can be salvaged during restoration of the field under Item No. 4) or install a new irrigation system, in either case per the specifications set forth in the Drawings and install a new irrigation system at the baseball outfield per the specifications set forth in the Drawings; program an existing irrigation control panel and calibrate the existing irrigation pump such that the field irrigation system is functioning per specifications, including but not limited to permit fees, mobilization, traffic control, utility location verification, disposal of excess material, surface restoration, and cleanup, complete in accordance with the Drawings, applicable permit requirements and as specified herein.

ITEM NO. 7. PREPARE SITE AND INSTALL PREFABRICATED RESTROOMS AND RELATED UTILITIES

Under this item, Contractor shall prepare the site, install a concrete pad and all utilities, and install a prefabricated restroom supplied by BCPUD per the specifications set forth in the Drawings and the manufacturer's instructions, including the installation of a new water service and water meter from the existing 8-inch A/C water main located on the south side of Mesa Road (Contractor to obtain encroachment permit from the County of Marin), the installation and disinfection of a 1 and ½-inch copper potable water service line from the meter to the restroom site, with a reduction to ¾-inch copper at the building; the installation of a pedestal drinking fountain adjacent to the new restroom structure; the installation of 1-inch PVC piping from the irrigation tanks to the restroom building to provide gravity-fed non-potable water to the restroom toilets and the installation of a pressure regulating valve at the point of connection; the installation of an 800-gallon two-chamber septic tank outside of the building footprint and connection of the new restrooms toilets thereto per the specifications set forth in the Drawings and connection of the tank to the sanitary sewer; the installation of 1-inch conduit from an existing electrical control panel in the existing pump room to an electrical point-of-connection at the new restrooms and the installation of a 20-amp service from this panel; including but not limited to permit fees, mobilization, traffic control, utility location verification, saw cutting any pavement, excavation, dewatering, pipe, tracer wire, fittings, couplings, compaction, compaction testing, disposal of excess material, disinfection, pressure, leakage and disinfection testing, disposal of test water, surface restoration, and cleanup, complete in accordance with the Drawings and as specified herein.

This page left intentionally blank.