



County of Santa Cruz 0295

DEPARTMENT OF PUBLIC WORKS

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 95060
(831) 454-2160 FAX (831) 454-2385 TDD (831) 454-2123

THOMAS L. BOLICH
DIRECTOR OF PUBLIC WORKS

AGENDA: DECEMBER 12, 2000
November 30, 2000

SANTA CRUZ COUNTY BOARD OF SUPERVISORS

701 Ocean Street
Santa Cruz, California 95060

SUBJECT: 2000-200 1 CONSULTANT ENGINEERING SERVICES AGREEMENT FOR THE
BUENA VISTA AND BEN LOMOND LANDFILLS

Members of the Board:

On November 21, 2000, Public Works informed your Board that GeoSyntec Consultants of Walnut Creek was recommended as the County's new solid waste consultant engineer. GeoSyntec was selected through a formal request for proposal process as outlined in previous correspondence to your Board. Public Works was also directed to return on December 12, 2000, with a completed agreement for your approval. Attached you will find an agreement for 2000/2001 Solid Waste Consultant Engineering Services with GeoSyntec Consultants.

This agreement will provide engineering and technical services for the following solid waste related engineering projects: master planning and final design of new entrance facilities for the Buena Vista Landfill, soil management project evaluation and design for the Miyashita/Love property option approved by your Board, development of a landfill gas system master plan for federal and local Title V permitting, assistance with evaluation and design of a portable construction and demolition recycling plant, annual aerial surveying and state mandated five year iso-settlement mapping for the closed Ben Lomond Landfill. The total cost for these engineering services is a not-to-exceed amount of \$429,868.00.

All of these projects are required as a result of the County's obligation to maintain ongoing solid waste services, complete future landfill construction, and comply with federal and state mandates for management of solid waste facilities. Sufficient funds are available within the 2000/2001 CSA-9C Solid Waste Enterprise Fund for this purpose.

It is therefore recommended that the Board of Supervisors take the following action:

1. Approve the attached agreement with GeoSyntec Consultants for Solid Waste Consultant Engineering Services at a not-to-exceed amount \$429,868.00.
2. Authorize the Director of Public Works to sign the agreement on behalf of the County.

Yours truly,

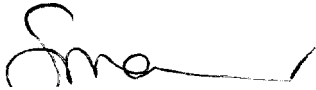


THOMAS L. BOLICH
Director of Public Works

RPM:mg

Attachments

RECOMMENDED FOR APPROVAL:



County Administrative Officer

copy to: GeoSyntec Consultants
 Auditor-Controller
 Public Works

INDEPENDENT CONTRACTOR AGREEMENT

THIS CONTRACT is entered into this 12th day of December, 2000, by and between the COUNTY OF SANTA CRUZ, hereinafter called COUNTY, and GEOSYNTEC CONSULTANTS, hereinafter called CONTRACTOR. The parties agree as follows:

1. DUTIES. CONTRACTOR agrees to exercise special skill to accomplish the following result: Perform professional and technical solid waste services for the Buena Vista Landfill and Ben Lomond Transfer Station as outlined in the attached Scope of Work, Exhibit "A".

2. COMPENSATION. In consideration for CONTRACTOR accomplishing said result, COUNTY agrees to pay CONTRACTOR as follows: Contractor shall receive progress payments in accordance with tasks outlined in the attached Scope of Work, Exhibit "A". Payments for services performed shall not exceed \$429,868.00. Charges will be in accordance with labor rates and outside service charge policy included under the attached Scope of Work. Funds may be moved between tasks with Public Works' approval. Expenses shall be charged in accordance with the most current standard expense rates on file with Public Works and the County Auditor-Controller.

3. TERM. ~~The term of this contract shall be:~~ a l t o c o m p l e t i o n .

4. EARLY TERMINATION. Either party hereto may terminate this contract at any time by giving 30 days written notice to the other party.

5. INDEMNIFICATION FOR DAMAGES. TAXES AND CONTRIBUTIONS. CONTRACTOR shall exonerate, indemnify, defend, and hold harmless COUNTY (which for the purpose of paragraphs 5 and 6 shall include, without limitation, its officers, agents, employees and volunteers) from and against:

A. Any and all claims, demands, losses, damages, defense costs, or liability of any kind or nature which COUNTY may sustain or incur or which may be imposed upon it for injury to or death of persons, or damage to property as a result of, to the extent arising out of, or in any manner connected with the CONTRACTOR'S negligent performance under the terms of this Agreement, excepting any liability arising out of the negligence of the COUNTY. Such indemnification includes any damage to the person(s), or property(ies) of CONTRACTOR and third persons.

B. Any and all Federal, State and Local taxes, charges, fees, or contributions required to be paid with respect to CONTRACTOR and CONTRACTORS officers, employees and agents engaged in the performance of this Agreement (including, without limitation, unemployment insurance, social security and payroll tax withholding).

6. INSURANCE. CONTRACTOR at its sole cost and expense, for the full term of this Agreement (and any extensions thereof), shall obtain and maintain at a minimum compliance with all of the following insurance coverage(s) and requirements. Such insurance coverage shall be primary coverage as respects COUNTY and any insurance or self-insurance maintained by County shall be excess of CONTRACTORS insurance coverage and shall not contribute to it.

If CONTRACTOR utilizes one or more subcontractors in the performance of this Agreement, CONTRACTOR shall obtain and maintain Independent Contractor's Insurance as to each subcontractor or otherwise provide evidence of insurance coverage for each subcontractor equivalent to that required of CONTRACTOR in this Agreement, unless CONTRACTOR and COUNTY both initial here ____/____.

A. Types of Insurance and Minimum Limits

(1) Worker's Compensation in the minimum statutorily required coverage amounts. This insurance coverage shall not be required if the CONTRACTOR has no employees and certifies to this fact by initialing here ____

(2) Automobile Liability Insurance for each of CONTRACTOR's vehicles used in the performance of this Agreement, including owned, non-owned (e.g. owned by CONTRACTOR's employees), leased or hired vehicles, in the minimum amount of \$500,000 combined single limit per occurrence for bodily injury and property damage. This insurance coverage shall not be required if vehicle use by CONTRACTOR is not a material part of performance of this Agreement and CONTRACTOR and COUNTY both certify to this fact by initialing here ____/____.

(3) Comprehensive or Commercial General Liability Insurance coverage in the minimum amount of \$1,000,000 combined single limit, including coverage for: (a) bodily injury, (b) personal injury, (c) broad-form property damage, (d) contractual liability, and (e) cross-liability.

(4) Professional Liability Insurance in the minimum amount of \$1,000,000.00 combined single limit, if, and only if, this Subparagraph is initialed by CONTRACTOR and COUNTY RM + HOS

B. Other Insurance Provisions

(1) If any insurance coverage required in this Agreement is provided on a "Claims Made" rather than "Occurrence" form, CONTRACTOR agrees to maintain the required coverage for a period of three (3) years after the expiration of this Agreement (hereinafter "post agreement coverage") and any extensions thereof. CONTRACTOR may maintain the required post agreement coverage by renewal or purchase of prior acts or tail coverage. This provision is contingent upon post agreement coverage being both available and reasonably affordable in relation to the coverage provided during the term of this Agreement. For purposes of interpreting this requirement, a cost not exceeding 100% of the last annual policy premium during the term of this Agreement in order to purchase prior acts or tail coverage for post agreement coverage shall be deemed to be reasonable.

(2) All required Automobile and Comprehensive or Commercial General Liability Insurance shall be endorsed to contain the following clause:

"The County of Santa Cruz, its officials, employees, agents and volunteers are added as an additional insured as respects the operations and activities of, or on behalf of, the named insured performed under Agreement with the County of Santa Cruz."

(3) All required insurance policies shall be endorsed to contain the following clause:

“This insurance shall not be canceled until after thirty (30) days prior written notice has been given to: R. Patrick Mathews, Solid Waste and Recycling Manager, Santa Cruz County Department of Public Works, 701 Ocean Street, Room 410, Santa Cruz, CA 95060.”

(4) CONTRACTOR agrees to provide its insurance broker(s) with a full copy of these insurance provisions and provide COUNTY on or before the effective date of this Agreement with Certificates of Insurance for all required coverages. All Certificates of Insurance shall be delivered or sent to:

R. Patrick Mathews, Solid Waste and Recycling Manager
Santa Cruz County Department of Public Works
701 Ocean Street, Room 410
Santa Cruz, CA 95060

7. EQUAL EMPLOYMENT OPPORTUNITY. During and in relation to the performance of this Agreement, CONTRACTOR agrees as follows:

A. The CONTRACTOR shall not discriminate against any employee or applicant for employment because of race, color, religion, national origin, ancestry, physical or mental disability, medical condition (cancer related), marital status, pregnancy, sex, sexual orientation, age (over 18), veteran status or any other non-merit factor unrelated to job duties. Such action shall include, but not be limited to the following: recruitment; advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training (including apprenticeship), employment, upgrading, demotion, transfer. The CONTRACTOR agrees to post in conspicuous places, available to employees and applicants for employment, notice setting forth the provisions of this non-discrimination clause.

B. If this Agreement provides compensation in excess of \$50,000 to CONTRACTOR and if CONTRACTOR employs fifteen (15) or more employees, the following requirements shall apply:

(1) The CONTRACTOR shall, in all solicitations or advertisements for employees placed by or on behalf of the CONTRACTOR, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, ancestry, physical or mental disability, medical condition (cancer related), marital status, pregnancy, sex, sexual orientation, age (over 18), veteran status, or any other non-merit factor unrelated to job duties. In addition, the CONTRACTOR shall make a good faith effort to consider Minority/Women/Disabled Owned Business Enterprises in CONTRACTOR's solicitation of goods and services. Definitions for Minority/Women/Disabled Business Enterprises are available from the COUNTY General Services Purchasing Division.

(2) The CONTRACTOR shall furnish COUNTY Affirmative Action Office information and reports in the prescribed reporting format (PER 4012) identifying the sex, race, physical or mental disability and job classification of its employees and the names, dates and

methods of advertisement and direct solicitation efforts made to subcontract with Minority/Women/Disabled Business Enterprises.

0300

(3) In the event of the CONTRACTOR'S non-compliance with the non-discrimination clauses of this Agreement or with any of the said rules, regulations, or orders said CONTRACTOR may be declared ineligible for further agreements with the COUNTY.

(4) The CONTRACTOR shall cause the foregoing provisions of this Subparagraph 7B. to be inserted in all subcontracts for any work covered under this Agreement by a subcontractor compensated more than \$50,000 and employing more than fifteen (15) employees, provided that the foregoing provisions shall not apply to contracts or subcontracts for standard commercial supplies or raw materials.

8. INDEPENDENT CONTRACTOR STATUS. CONTRACTOR and COUNTY have reviewed and considered the principal test and secondary factors below and agree that CONTRACTOR is an independent contractor and not an employee of COUNTY. CONTRACTOR is responsible for all insurance (workers compensation, unemployment, etc.) and all payroll related taxes. CONTRACTOR is not entitled to any employee benefits. COUNTY agrees that CONTRACTOR shall have the right to control the manner and means of accomplishing the result contracted for herein.

PRINCIPAL TEST: The CONTRACTOR rather than COUNTY has the right to control the manner and means of accomplishing the result contracted for.

SECONDARY FACTORS: (a) The extent of control which, by agreement, COUNTY may exercise over the details of the work is slight rather than substantial; (b) CONTRACTOR is engaged in a distinct occupation or business; (c) In the locality, the work to be done by CONTRACTOR is usually done by a specialist without supervision, rather than under the direction of an employer; (d) the skill required in the particular occupation is substantial rather than slight; (e) The CONTRACTOR rather than the COUNTY supplies the instrumentalities, tools and work place; (f) The length of time for which CONTRACTOR is engaged is of limited duration rather than indefinite; (g) The method of payment of CONTRACTOR is by the job rather than by the time; (h) The work is part of a special or permissive activity, program, or project, rather than part of the regular business of COUNTY; (i) CONTRACTOR and COUNTY believe they are creating an independent contractor relationship rather than an employer-employee relationship; and (j) The COUNTY conducts public business.

It is recognized that it is not necessary that all secondary factors support creation of an independent contractor relationship, but rather that overall there are significant secondary factors which indicate that CONTRACTOR is an independent contractor.

By their signatures to this Agreement, each of the undersigned certifies that it is his or her considered judgment that the CONTRACTOR engaged under this Agreement is in fact an independent contractor.

9. CONTRACTOR represents that its operations are in compliance with applicable County planning, environmental and other laws or regulations.

10. CONTRACTOR is responsible to pay prevailing wages and maintain records as required by Labor Code Section 1770 and following.

11. NONASSIGNMENT. CONTRACTOR shall not assign this agreement without the prior written consent of the COUNTY.

12. RETENTION AND AUDIT OF RECORDS. CONTRACTOR shall retain records pertinent to this Agreement for a period of not less than five (5) years after final payment under this Agreement or until a final audit report is accepted by COUNTY, whichever occurs first. CONTRACTOR hereby agrees to be subject to the examination and audit by the Santa Cruz County Auditor-Controller, the Auditor General of the State of California, or the designee of either for a period of five (5) years after final payment under this Agreement.

13. PRESENTATION OF CLAIMS. Presentation and processing of any or all claims arising out of or related to this Agreement shall be made in accordance with the provisions contained in Chapter 1.05 of the Santa Cruz County Code, which by this reference is incorporated herein.

14. ACKNOWLEDGMENT. CONTRACTOR shall acknowledge in all reports and literature that the Santa Cruz County Board of Supervisors has provided funding to the CONTRACTOR.

15. ATTACHMENTS. This Agreement includes the following attachments: Scope of Work (Exhibit "A"), Service Rate Schedule

IN WITNESS WHEREOF, the parties hereto have set their hands the day and year first above written.

COUNTY OF SANTA CRUZ

CONTRACTOR:
GEOSYNTEC CONSULTANTS

By: _____
Director of Public Works

By: Hari D. Sharma 11/22/2000

Address: 1500 Newell Avenue, Suite 800
Walnut Creek, CA 94596

APPROVED AS TO FORM:

By: D. McRae 11-28-00
Chief Assistant County Counsel

Telephone: (925) 943-3034
FAX: (925) 943-2366
E-MAIL haris @ geosyntec.com

DISTRIBUTION: Auditor-Controller
Contractor
Public Works

RPM:ma

Prepared for:

The County of Santa Cruz
Department of Public Works
70 1 Ocean Street, Room 4 10
Santa Cruz, California 95060-4070

SOLID WASTE ENGINEERING and CONSULTING SERVICES YEAR 2001/2002

SCOPE OF WORK AND BUDGET
Buena Vista and Ben Lomond Landfills, CA

Prepared by:



GeoSyntec Consultants, Inc.
1500 Newell Avenue, Suite 800
Walnut Creek, California 94596
(925) 943-3034

November 2000

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YEAR 2001/2002

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ATTACHMENTS

Attachment A	Estimated Budget
Attachment B	2001 Rate Schedule

1.0 LANDFILL ENTRANCE FACILITIES DESIGN

The entrance and recycling facilities for the County's Buena Vista Landfill will be updated to meet the changing needs of the community and the waste diversion programs. The entrance and recycling facilities to be updated include the site entrance, scale house, truck scales, public drop-off recycling center, household hazardous waste collection facilities and roads. Specific improvements to these facilities will include grading, paving and site improvements, buildings and structures, on-plot power, water, and sewer & storm-runoff utilities.

Specific boundaries will be established during the programming and schematic design phase; however, the following is envisioned:

- Scales & Scale House: A multiple function building supporting scale operations, an office room, and employee restrooms. There will not be locker rooms/showers. Roof drainage will be by gutters discharging to grade. It is expected that the building architecture will reflect function and utility as primary characteristics. The weigh scales will include two scales relocated from their current position on-site, plus a new scale. A carport will protect the scale area. The scales and scale house will be serviced with electrical power, domestic water and sewer.
- Household Hazardous Waste: A small building and/or shelter for basic materials testing plus protection of deposited materials awaiting transport out of the area.
- Public Recycling Center: A new retaining wall, and safety fencing around the drop box storage areas. A shelter will be constructed over the receiving / storage areas.
- Site Utility: Potable water will be brought approximately 1 mile from a source with adequate line pressure (85 psi). Detail routing of the water line is excluded. Fire protection capacity will not be upgraded. A septic system with either a leach field or containment for pumping will be provided. It is assumed that adequate electrical power capacity exists on site for distribution to the new facilities.
- Site Entrance: Two new entrance/exit access points will be included from the existing roadway. Gates would be manually operated.
- Site Civil: The site will be paved. Rainfall drainage systems and miscellaneous civil items such as fencing, barriers are included.

Services include pre-design programming, schematic design, preparation of a master improvement plan, and preparation of construction drawings and specifications.



1.1 Pre-Design

The pre-design services will be conducted in an informal manner. After a kick-off meeting and site visit, interviews will be conducted to establish specific scope, project goals, project criteria, and third party permitting requirements. This information will be documented in narrative form and submitted for review, discussion, and approval.

A “brain storming” session will be conducted to secure input on means to achieve the project objectives. The ideas will be distilled into two or three alternative cases for evaluation. The design for alternatives would include sketched site plans of the facility, arrangement of the scale area, duty specification for the scales, plus other sketches as necessary to determine the design feasibility, resultant traffic flow patterns and general relative merit of the individual alternatives. After review, one alternative will be selected for further development in the schematic design phase (Task 1.2).

1.2 Schematic Design

For the selected design alternative, schematic design will be prepared. Architectural building preliminary plan and elevation will be prepared. The site plan will locate facility outlines, confirm working grade, and provide preliminary storm water run-off plans. Confirmation of traffic patterns and material flow on site will be included. Mechanical design will advance such that power demands are calculated. The electrical overall one-line and power plan, and the routing of underground utilities will be established. Discipline design criteria will be completed as well as the scale specification. We have assumed that the existing topographic mapping of the site will be sufficient for design and that no geotechnical investigations are required.

The results of the pre-design and schematic design will be incorporated into a Master Improvement Plan. This will document the pre-design activities conducted and the rationale for the selected case. Elements of the schematic design will be reviewed for grouping into phased development packages, which may be executed independently. For these packages, cost estimates appropriate to the design will be prepared. Based upon construction sequencing requirements and County prioritization, a phased construction plan will be prepared. The Master Improvement Plan will be submitted in draft form and upon receipt of review and comment, submitted in final form. Although the Master Plan will be organized such that work may be released in a phased manner, it is assumed that the entire project will be released upon issuance of the Master Plan. Issuance of the final Master Improvement Plan will complete the schematic design phase.

1.3 Design Development/ Construction Documents

Upon release for design implementation, design drawings and specifications appropriate for bidding and construction of the project will be prepared. Drawings will be prepared utilizing existing CAD standards and procedures. We currently anticipate that the following drawings will be required:

Architectural



- Title sheet
- Handicap Compliance
- Building Code Compliance
- Site Plan
- Scale Bldg Floor Plan
- Scale Bldg Ceiling Plan
- Scale Bldg Roof Plan & Details
- Scale Bldg Sections
- Scale Bldg Elevations
- Scale Bldg Exterior Detail
- Scale Bldg Interior Detail
- Public Recycle Plan
- Public Recycle Sections & Elevations
- Title 24 Forms

Civil

- Civil General Notes & Details
- Site Plan/ Grading & Paving
- Site Utility Plan
- Sewage Treatment Plan & Detail
- Civil Detail

Structural

- Structural General Notes & Detail
- Scale Bldg – Framing Plans & Elevations
- Scale Bldg – Foundation Plan & Detail
- Scale Bldg – Details
- Scales – Plans & Details
- Public Recycle – Plans & Detail
- Public Recycle – Canopy Plan & Detail

Mechanical

- HVAC Calculations
- Equip Arrangement
- Bldg Fire Protection Dwg
- Site Utility
- Plumbing Plan & Isometric

Electrical

- One-Line Diagrams
- Scale Bldg Powr
- Scale Bldg Lighting
- Yard Lighting
- Code Compliance Documents

Specified items will be identified in the drawings via call-outs and short notations. A review will be conducted at the completion of design development to confirm that the engineering meets the



established project goals and criteria. A further review will be conducted at the nominal 90% design completion.

It is assumed that the documents required by permitting authorities will be issued coincident with planned review sets. We have assumed that the County will pay for all permit fees. An engineer's construction cost estimate will be prepared based upon the 90% submittal. Services will be concluded upon completion of the drawings and specifications.

Deliverables and Meetings

Drawings and Documents:

- Pre-design Programming Report
- Master Improvement Plan – Draft
- Master Improvement Plan – Final
- Design Drawings
- Project Specification (as notation on the drawings)
- Construction Cost Estimate

Project meetings include:

- Kick-off meeting and Site Visit
- “Brain-storming” meeting
- Review meetings for presentation of pre-design programming, Master Improvement Plan, 65% review, and 90% review
- Regulatory/Permitting Authority (Allow 2 meetings)

2.0 SOIL MANAGEMENT AREA STUDIES AND DESIGN

The County has prepared two alternative grading plans for storing approximately 1.1 million cubic yards of soil on the Miyashita/Love properties north of the Buena Vista Landfill. One plan shows a soil stockpile extending over four land parcels and into an equestrian area (Alternative 1 – Greenhouse Preservation). The other plan shows a soil stockpile over a smaller area of two land parcels (Alternative 2 – Greenhouse Demolition). Both proposed stockpiles have 2.5H:1V side slopes and include sedimentation ponds at the toe of the south slope.

We will assist the County by providing preliminary biotic assessment/wetlands delineation, developing conceptual grading plans, designing site improvements, and updating the site's soil balance and excavation schedule.

2.1 Biotic Assessment in Support of EIR Preparation

The County has had a preliminary biological evaluation performed for the Miyashita-Love property (HLA, October 14, 1998). The existing biological studies will be verified and the applicability of the biological analysis in other planning and site-specific EIRs written for the region will be determined.

Reconnaissance field surveys of the project site will be performed to provide peer review of existing biological assessments of the presence or absence of suitable habitat for special status species. The surveys will be completed for all federally or state listed and candidate species, and for highly sensitive species currently not listed by the federal or state government but which are identified by other sources. The following specific information will be collected or estimated for each special status species identified:

- Distribution and abundance;
- Historic and recent status within the area;
- Habitat quality;
- Ecology, behavior, and habitat requirements; and
- Biologic aspects of each species that could be relevant to future uses of the project site.

The federal, state, and local policies and regulations as they pertain to biological resources in the area will be evaluated and summarized. A biotic assessment will be prepared and organized to allow relevant portions to be incorporated into a project EIR (to be prepared by the County). The biotic assessment will propose mitigation measures to reduce impacts to less-than-significant.

2.2 Wetland Delineation

Normally, formal wetland delineations are not a required part of CEQA documents, as long as a reasonable estimate of wetland extent is provided. However, we understand that a need has been identified for a formal delineation, to be verified by the Corps. Our scope does not include applying for Clean Water Act 404 or state Fish & Game Code 1601 permits.

To delineate the wetlands, recent and historic aerial photos of the site and vicinity will be reviewed. Available biological, hydrologic, and geologic studies regarding the site and vicinity, including the 1998 Biological Evaluation conducted by Harding Lawson Associates (HLA) will also be reviewed.

A delineation of wetlands and non-wetland waters of the United States on the property will be conducted in accordance with currently accepted methods. Hydric soils, hydrology, and vegetation will be examined. The delineation will include wetlands subject to Section 404 of the Clean Water Act as well as those defined by other regulatory agencies, as applicable. We assume that the extent of wetlands that we will delineate is approximately 0.7 acre, as estimated in the 1998 HLA Biological Evaluation of the Miyashita site.

Any identified potential wetlands or other waters that occur on-site will be delineated using a topographic base map - or ratio rectified aerial photograph (scale 1":200' or larger), provided by the County. A topographic base map scale of 1":200' or larger is required by the Corps for their formal jurisdictional determination.



A report will be prepared incorporating results of the wetland delineation, including the total acreage of wetlands potentially subject to Section 404 (Clean Water Act), other regulatory requirements (e.g., Sections 1600-1 607 of the Fish and Game Code), permit requirements, habitat quality assessment, a map of potential wetlands delineated, and accompanying data sheets. Potential regulatory implications and appropriate steps for future action will be discussed.

2.3 Conceptual Soil Management Area Studies and Design

Once the County selects the soil management grading option to pursue, we will meet with the County to discuss design issues. At the conceptual stage, the design issues that will be addressed include drainage, erosion control, road upgrades, and slope stability. The existing soils balance will also be evaluated and adjusted, as necessary. For cost estimating purposes, we have assumed that adjustments to the soil balance will be relatively minor.

The existing schematic grading plan will be updated to include benches and ditches that drain toward the proposed sedimentation pond. We understand that drainage calculations have already been performed to size the proposed sedimentation pond. We will review these existing calculations and modify them, as necessary. For cost estimating purposes, we have assumed these modifications will be minor. If possible, we will incorporate standard County of Santa Cruz drainage details and erosion control best management practices (BMPs) into the conceptual design. We have assumed that the County will be responsible for developing all landscaping details (mulch, irrigation, hydroseeding, and other vegetation). The conceptual design issues will be summarized in a technical memorandum. The conceptual drawings will include:

- Final soil stockpile grading plan
- Detail sheet showing conceptual
 - drainage ditches
 - sedimentation pond drainage structure
 - sedimentation pond rock-lined spillway
 - new Harkins Slough Road section at proposed scraper crossing location
- Cross section sheet showing sections through the stockpile

2.4 Assist County During CEQA Process

We will assist the County on an as needed basis during the CEQA review process for the soil management area. We have assumed attendance at one meeting or public hearing will be required. Brief technical memorandums will be prepared, as needed.



2.5 **Finalize Soil Management Area Design**

Based on the outcome of the CEQA review process, the conceptual grading plan and details will be finalized. We have assumed that the modifications required to finalize the design will be minor. Engineering calculations will be re-evaluated to confirm the design changes. A brief technical memorandum will be developed to describe the final design.

2.6 **Project Improvement Bid Documents**

Bid documents (drawings, specifications, and cost estimate) will be developed for the project improvements related to the construction of the soil management area. We have assumed that the construction items will be limited to drainage control, erosion control, construction of new road section along Harkins Slough Road, and coordination with in-place utilities. The County has indicated that they will be responsible for developing and installing all landscaping details (mulch, irrigation, hydroseeding, and other vegetation).

The drawings will be developed using Autocad and the project specifications will be prepared in CSI format. For cost estimating purposes, we have assumed that the drawing set will contain the sheets:

- Cover sheet and Vicinity Map (1)
- Drainage and Erosion Control Improvements (3)
- Road Improvements (1)

We understand that the County will prepare the administrative portions of the specifications. We will therefore prepare only the technical portions of the specification package.

Deliverables and Meetings

Drawings and Documents:

- Biotic Assessment and Wetlands Delineation Letter Report
- Conceptual Design Technical Memorandum
- Conceptual Design Drawings (3 to 4 sheets)
- CEQA Support memorandums (Allow 3 memorandums)
- Final Design Technical Memorandum
- Site Improvement Bid Documents (drawings (5), specifications, cost estimate)

Project meetings include:

- Biotic Assessment and Wetlands Delineation field reconnaissance
- Conceptual Design meeting

- CEQA Support (Allow 1 meeting)

3.0 DEVELOP LANDFILL GAS MASTER PLAN

The County has historically constructed most of its own landfill gas (LFG) control system with County crews. Because these systems have been constructed over the course of several years, a combined map of the existing systems needs to be developed. A master plan for future LFG system construction will also be generated to meet Title V requirements.

3.1 Summarize/Update Current LFG System

An existing conditions plan for the current LFG system at the site will be created using recent appropriate site information, as-built drawings (assumed to be available in Autocad compatible format), landfill expansion/phasing plans, and related historical project LFG data. This information will be obtained through discussions with County personnel, review of landfill tiles and topographic maps, and a site visit. The basic information will then be collated into project files focused on the various site LFG issues and County concerns. It is assumed that this data is generally available from the normal existing records of various project stakeholders and that no field collection of data will be required.

Upon the completion of the information gathering efforts, appropriate tables, charts, and graphs will be updated or developed. These data comparison tools will generally illustrate the existing system operations and LFG migration issues over the last few years.. It is assumed that the County staff or their representatives have already developed some of these tables and graphs. These will be combined as needed to produce tools that can be used throughout the completion of the following tasks.

The existing conditions plan will be incorporated in the LFG master plan discussed in Task 3.2. It will also be utilized as the baseline from which future system expansions can be evaluated and to support required future permit applications.

3.2 Prepare LFG Master Plan

A LFG Master Plan (Master Plan) will be prepared for the Buena Vista Landfill site. It is anticipated that this Master Plan will be a working reference document for County staff and will generally include the following section/chapters:

- Introduction
- . Site Background
- . Current LFG System
 - Existing LFG extraction wells
 - Existing LFG collection system
 - Existing LFG blower/flare facilities
- Landfill Expansion/Filling Sequence Plans
- . LFG Production Rate Estimates
- . Future LFG System Designs

- Extraction wells
- Collection system
- Blower/flare facilities
- Future LFG System Installation Sequencing Plan
- LFG System Installation/Construction Guidelines
- LFG to Energy Plans

In preparing the master plan, several alternative LFG extraction systems will be analyzed. Both vertical and horizontal extraction well designs will be evaluated, as well as, the appropriate placement criteria for proper installation of each type.

Concurrent with the work effort regarding extraction wells, various types of typical LFG control facilities and collection system details will be identified. These system details will then be compared for such factors as:

- Technical effectiveness;
- Reliability and history of operation;
- Ease of operations and maintenance (O&M);
- Cost of initial installation and O&M; and
- Compatibility with existing control systems and mitigation measures.

Once this evaluation is complete, a selection matrix will be prepared. This matrix will compare the well design types and collection system details to specific site conditions and designs that will be applicable to future phases of landfill expansion. It will match the type, size and configuration of each phase or module to the appropriate type of landfill gas control or recovery methodology required. It would also include such items as calculations of expected landfill gas production rates for each phase, and tables summarizing the expected installation sequencing of the various system components over time.

Utilizing the matrix tool described above, the installation/construction guidelines for the LFG system will be developed. These detailed guidelines will allow County staff to anticipate, identify, and install the appropriate extraction well type and collection system components, as they are needed over the life of the site operations.

The installation guidelines will include information on extraction well siting/placement considerations, system design details, material requirements, equipment selections, and brief discussions of applicable installation/construction procedures. A future construction schedule consisting of system installation milestones that are coordinated with, and based upon the landfill expansion plans and waste filling patterns will be included.

In conjunction with preparation of the LFG Master Plan, we will provide consulting input and support the preparation of a County Health and Safety Plan (HASP) that covers LFG system construction by County staff. This will generally include the identification and supply of relevant reference materials, sample text, and generic example documents. It is understood however, that

due to Occupational Safety and Health Administration (OSHA) requirements, this HASP will be the exclusive work product of the County and we can not review or approve the document.

The LFG master Plan will be submitted in a draft format for County review and comment. We have assumed that there will be one round of review and comment, prior to finalization of the document. As part of this round of review, it is anticipated that we will attend and participate in a meeting with the County. The meeting will be held to solicit input and further discuss the draft document. The comments received on the draft document will be incorporated. Three draft hard copies, three final hard copies and one computer disk electronic version will be submitted to the County.

3.3 Provide training for County staff on LFG system Operations and Management

GeoSyntec will provide a one-day training session in the County offices, on the operations and management of the LFG system at the landfill. The County will designate the appropriate attendees, and be responsible for determination of the time and date of the session. The session will have a focus that is roughly equally split between the current existing LFG system and the future LFG systems proposed in the Master Plan described above in Task 3.2. It is assumed that the Master Plan will be the basis of the training, and that no other significant training materials will be required to be developed. It is also assumed that the County will prepare and supply sufficient copies of the Master Plan document for the session.

3.4 Provide LFG system support

On an as needed basis, GeoSyntec will perform necessary operational evaluations of the existing LFG systems prior to each collection system expansion. These evaluations will primarily be undertaken to confirm the need for system expansion and to determine the effectiveness of the existing system. Since the timing and exact scope of these evaluations are based upon the development of system installation sequencing plans, we propose for purposes of this project, a budget allowance only be developed for this task in the cost estimate.

Deliverables and Meetings

Drawings and Documents:

- Existing Conditions Plan
- LFG Master Plan
- Selection Matrix

Project meetings include:

- Site visit/existing conditions evaluation
- LFG Master Plan review meeting
- Training Session (1)



4.0 DEVELOP C/D WASTE RECYCLING PROGRAM

The County has determined that current recycling programs at the Buena Vista Landfill need to be expanded to meet AB 939 waste diversion goals. We will assist the County in evaluating and developing portable equipment for C&D sorting at or near the active landfill face.

4.1 Project Layouts and Equipment

To develop various project layouts and equipment we will first examine the existing system and obtain current information on handling and processing methods used by the County for green waste, scrap metal, etc. Based on the Waste Characterization Study and landfill records, as well as staff knowledge of seasonal variations, estimated weekly tonnages for up to four general types of C&D loads: mixed construction, roofing, land clearing, and one other if needed (these categories may be modified as needed) will be developed. These will be expressed as ranges, and seasonal variations will be considered for each.

We will assist County staff in reviewing various systems & processes, including perceived advantages & disadvantages of particular processes. These systems and processes will be evaluated relative to the constraints inherent in the Buena Vista Landfill operations, such as space, maintenance capabilities, noise limitations, etc. The fill sequencing plan will also be reviewed to assess the amount of operating space available on site through the typical estimated life span of C&D processing equipment (approximately ten years).

4.2 Vendor and Equipment Review

Based on County staff direction, up to six unit operations (e.g. bulky item removal, coarse screening, fine screening, manual separation, grinding, and power supply), that are appropriate for the system that is envisioned will be defined. A flow diagram will be developed to illustrate the movement of materials among these operations.

For each unit operation, at least three vendors of appropriate equipment will be identified and contacted. From each vendor, general specifications (dimensions, power requirements, etc.) for one or more equipment items that would be suitable for use will be obtained. This information will be summarized in a technical memorandum including brief descriptions, O&M cost factors, references to existing systems using this equipment, and any special features or requirements for each process. A maximum of 18 descriptions (six processes times three vendors) will be presented.

For each unit process, the most representative set of general specifications will be chosen and one schematic diagram will be prepared to show the layout in a typical configuration. The diagram will be presented at a conceptual design level. An operations plan will also be prepared and will include:



- Descriptions of system inputs and outputs (types and quantities of materials; desired product specifications to supply target markets)
- Descriptions of major constraints: space, operating hours limitations (if any), etc.
- Assumptions regarding stockpiling of input and output materials
- Equipment maintenance plan (skills needed, County staff or subcontractor provided, etc)
- Safety issues and requirements, in general terms (worker safety and public safety)
- Interface with current operations: traffic control, operating hours, material loadout / weighout, etc.

Deliverables and Meetings

Drawings and Documents:

- Flow diagram
- Technical Memorandum on Available Equipment
- Schematic Diagram and Operations Plan Letter Report

Project meetings include:

- Site visit/existing conditions evaluation

5.0 AERIAL SURVEY AND TOPOGRAPHIC MAPPING

The County has requested that GeoSyntec perform aerial surveys of the Ben Lomond and Buena Vista Landfills. The topographic information obtained from these surveys will be used for settlement calculations, site design, regulatory compliance, and estimating in-place waste volumes.

5.1 Prepare Ben Lomond Settlement Map

In accordance with the post-closure maintenance plan requirements for the Ben Lomond Landfill, the County must submit to the regulatory agencies an iso-settlement map showing settlement that has occurred at the landfill since 1995. To develop the iso-settlement map, a current aerial topographic map of the site must be prepared. An aerial survey will be performed and a 1: 100 scale site map at a 2-foot contour interval will be prepared. We have assumed that the County will provide all required survey control (up to 8 survey control points) for the aerial mapping.

The output from the aerial topographic mapping will include:

- 3-D, topographic map of landfill and surrounding area within 1000 feet of facility boundaries
- Facility Detail Overlays (roads, bldgs, structures, homes, monitoring wells, drainage structures, etc.)



- Electronic map files
- 4 copies of color aerial photo at 1:200 scale
- Iso-settlement map showing changes in grades since 1995 per Title 27 requirements.

5.2 Prepare Buena Vista Site Map

An aerial survey will be performed of the Buena Vista Landfill and the soil storage area to the north of the site. An aerial topographic map will be generated at a 1: 100 scale and a 2-foot contour interval. We have assumed that the County will provide all required survey control (up to 8 survey control points) for the aerial mapping.

The output from the aerial topographic mapping will include:

- 3-D, topographic map of landfill and surrounding area within 1000 feet of facility boundaries
- Electronic map files
- 4 copies of color aerial photo at 1:200 scale

5.3 Provide Volume Estimates at Buena Vista Landfill

Previous topographic maps will be compared to the updated site map to provide an estimate of remaining on-site soils and disposal capacity at the Buena Vista Landfill. Volumes will be calculated using Autocad. We have assumed that the County will provide electronic base and final grading plans of the landfill in Autocad format. Upon completion of the task, the results will be summarized in a technical memorandum.

Deliverables and Meetings

Drawings and Documents:

- Topographic Maps of Ben Lomond (BLL) and Buena Vista Landfills (BVL), including electronic files
- Iso-settlement Map and Facility Overlay of BLL
- Color aerial photos of BLL and BVL at 1:200 scale
- Technical memorandum on volumes of cut and fill for BVL

Project meetings include:

- No meetings are anticipated



6.0 **PERFORM GENERAL CONSULTING**

GeoSyntec will provide general solid waste consulting services on an as needed basis for the County. Such services may include: compilation or assistance with updates to the Report of Waste Discharge Reports for the RWQCB, Joint Technical Document/Report of Disposal Site Information Reports for CIWMB, statistical analysis for groundwater monitoring, and/or providing construction management services.

Deliverables and Meetings

Deliverables and meetings will be dependent on the general consulting services requested.

**Attachment A****ESTIMATED BUDGET**

Task 1	Landfill Entrance Facilities Design	\$235,686
	(Pre-Design, Facilities Master Plan - \$93,340)	
	(Construction Plans and Documents - \$142,346)	
Task 2	Soil Management Area Studies and Design	\$62,173
Task 3	Develop Landfill Gas Master Plan	\$74,380
Task 4	Develop C&D Waste Recycling Program	\$17,723
Task 5	Aerial Survey and Topographic Mapping	\$20,066
Task 6	General Solid Waste Consulting	<u>\$19,840</u>
		\$429,868

**GEOSYNTEC CONSULTANTS
COUNTY OF SANTACRUZ
2001 RATE SCHEDULE**

Professional Services**Rate/Hour**

Staff Engineer	\$ 82
Senior Staff Engineer	\$ 90
Assistant Project Engineer	\$ 102
Project Engineer	\$ 110
Senior Project Engineer	\$ 145.132
Associate	
Principal	\$ 158

COA/Field Services

Engineering Technician	\$ 65
------------------------	-------

Administrative Services

CADD Designer	\$ 65
Senior Drafter/Senior CADD Operator	\$ 62
Drafter/CADD Operator/Artist	\$ 57
Technical Word Processor	\$ 46
Administrative Assistant	\$ 51
Clerical	\$ 42

General

Direct Expenses	cost plus 10%
Subcontract Services	cost plus 15%
Communications Fee	1.3% of Professional Fees
Computer System (per hour)	\$ 10
Vehicle Charge (per mile)	\$.42
Photocopies (per page)	\$.12

CERTIFICATE OF INSURANCE

CERTIFICATE NUMBER
0007001-00071

PRODUCER

Marsh USA Inc.
1560 Sawgrass Corporate Pkwy
Suite 300
Sunrise, FL 33323
954/764-7700

ACCT RPM CF

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER OTHER THAN THOSE PROVIDED IN THE POLICY. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES DESCRIBED HEREIN.

COMPANIES AFFORDING COVERAGE

COMPANY

A COMMERCE AND INDUSTRY INS CO

0 3 2 0

COMPANY

B AMER. INT'L SPECIALTY LINES IC

COMPANY

C

COMPANY

D

INSURED

CEOSYNTec CONSULTANTS, INC.
121 NW 53 STREET, SUITE 650
FOCA RATON, FL 33487, FL 334

NOV 2000

RECEIVED
NOV 10 2000
FLORENCE, FL

COVERAGES

THIS IS TO CERTIFY THAT POLICIES OF INSURANCE DESCRIBED HEREIN HAVE BEEN ISSUED TO THE INSURED NAMED HEREIN FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THE CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, CONDITIONS AND EXCLUSIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO TR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY	GL4178604RA	7/01/00	7/01/01	GENERAL AGGREGATE	\$ 2,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				PRODUCTS - COMP/OP AGG	\$ 7,000,000
	<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				PERSONAL & ADV INJURY	\$ 1,000,000
	OWNER'S & CONTRACTOR'S PROT				EACH OCCURRENCE	\$ 1,000,000
					FIRE DAMAGE (Any one fire)	\$ 50,000
					MED EXP (Any one person)	\$ 5,000
A	AUTOMOBILE LIABILITY	CA7665899RA	7/01/00	7/01/01	COMBINED SINGLE LIMIT	\$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (Per person)	\$
	<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident)	\$
	<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE	\$
	<input checked="" type="checkbox"/> HIRED AUTOS					
	<input checked="" type="checkbox"/> NON-OWNED AUTOS					
	<input checked="" type="checkbox"/> \$500 DED COLL					
	<input checked="" type="checkbox"/> \$500 DED COMP					
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	\$
	<input type="checkbox"/> ANY AUTO				OTHER THAN AUTO ONLY:	
					EACH ACCIDENT	\$
					AGGREGATE	\$
A	EXCESS LIABILITY	BE6061792	7/01/00	7/01/01	EACH OCCURRENCE	\$ 11,000,000
	<input checked="" type="checkbox"/> UMBRELLA FORM				AGGREGATE	\$ 11,000,000
	<input type="checkbox"/> OTHER THAN UMBRELLA FORM				SIR	\$ 10,000
	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY				WC STATU- TORY LIMITS	OTH- ER
	THE PROPRIETOR/ PARTNERS/EXECUTIVE OFFICERS ARE:				EL EACH ACCIDENT	\$
	<input type="checkbox"/> INCL				EL DISEASE - POLICY LIMIT	\$
	<input type="checkbox"/> EXCL				EL DISEASE - EA EMPLOYEE	\$
B	OTHER PROF. LIABILITY & & CONT. POLL. LIAB. CLAIMS MADE FORM	COPS2673300	7/01/00	7/01/01	\$2,000,000 EACH CLAIM \$4,000,000 AGGREGATE RED. \$100,000 EACH CLAIM	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / SPECIAL ITEMS

THE COUNTY OF SANTA CRUZ IS ADJED AS AN ADDITIONAL INSURED FOR GENERAL LIABILITY & AUTO AS RESPECTS THE OPERATIONS OF THE NAMED INSURED. INSURANCE SHALL NOT BE CANCELED OR THE COVERAGE REDUCED UNTIL THIRTY DAYS AFTER THE COUNTY SHALL HAVE RECEIVED WRITTEN NOTICE OF SUCH CANCELLATION OR REDUCTION. THE NOTICE SHALL BE DEEMED EFFECTIVE THE DATE DELIVERED TO THE COUNTY AS EVIDENCED BY PROPERLY VALIDATED RETURN RECEIPT.

CERTIFICATE HOLDER

THE COUNTY OF SANTA CRUZ
ATTN: PATRICK MATHEWS
DEPT. OF PUBLIC WORKS
701 OCEAN STREET, ROOM 410
SANTA CRUZ, CA 95060

CANCELLATION

SHOULD ANY OF THE POLICIES DESCRIBED HEREIN BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE INSURER AFFORDING COVERAGE WILL ENDEAVOR TO MAIL 30 * DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED HEREIN, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER AFFORDING COVERAGE, ITS AGENTS OR REPRESENTATIVES.

Marsh USA Inc.
BY:

Mawon Colicchio

64

JHMM1 (2/98)

VALID AS OF: 11/16/00

(* 10 DAYS FOR NON-PAYMENT)

CERTIFICATE OF INSURANCE

CERTIFICATE NUMBER

0008001-00071

PRODUCER

Marsh, USA, Inc.
1560 Sawgrass Corporate Pkwy
Suite 300
Sunrise, FL 33323

354/764-7700

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COMPANIES AFFORDING COVERAGE

COMPANY

A AMERICAN HOME ASSURANCE CO

0321

COMPANY

B

COMPANY

C

COMPANY

D

INSURED

GEOSYNTEC CONSULTANTS, INC.
521 NW 53 STREET, SUITE 650
30CA RATON, FL 33487, FL 334

COVERAGES

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CO TR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
	GENERAL LIABILITY				GENERAL AGGREGATE	\$
	COMMERCIAL GENERAL LIABILITY				PRODUCTS COMP/OP AGG	\$
	<input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR				PERSONAL & AOV INJURY	\$
	OWNER'S & CONTRACTOR'S PROT				EACH OCCURRENCE	\$
					FIRE DAMAGE (Any one fire)	\$
					MED EXP (Any one person)	\$
	AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT	\$
	ANY AUTO				BODILY INJURY (Per person)	\$
	ALL OWNED AUTOS				BODILY INJURY (Per accident)	\$
	SCHEDULED AUTOS				PROPERTY DAMAGE	\$
	HIRED AUTOS					
	NON-OWNED AUTOS					
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	\$
	ANY AUTO				OTHER THAN AUTO ONLY:	
					EACH ACCIDENT	\$
					AGGREGATE	\$
	EXCESS LIABILITY				EACH OCCURRENCE	\$
	UMBRELLA FORM				AGGREGATE	\$
	OTHER THAN UMBRELLA FORM					\$
A	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	WC6520864	7/01/00	7/01/01	X WC STATUTORY LIMITS	OTHER
	THE PROPRIETOR/ PARTNERS/EXECUTIVE OFFICERS ARE: <input type="checkbox"/> INCL <input type="checkbox"/> EXCL				EL EACH ACCIDENT	\$ 1,000,000
					EL DISEASE - POLICY LIMIT	\$ 1,000,000
					EL DISEASE - EA EMPLOYEE	\$ 1,000,000
	OTHER					

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / SPECIAL ITEMS

CERTIFICATE HOLDER

THE COUNTY OF SANTA CRUZ
ATTN: PATRICK MATHEWS
DEPT. OF PUBLIC WORKS
701 OCEAN STREET, ROOM 410
SANTA CRUZ, CA 95060

CANCELLATION

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Marsh USA Inc.
BY: *John Colacchio*

JHMM1 (2/98)

VALID AS OF: 11/16/00

(* 10 DAYS FOR NON-PAYMENT)

64

COUNTY OF SANTA CRUZ
REQUEST FOR APPROVAL OF AGREEMENT

0322

TO: Board of Supervisors
County Administrative Officer
County Counsel
Auditor-Controller

FROM:

PUBLIC WORKS DEPARTMENT (Dept.)

(Signature) 11-27-00 (Date)

The Board of Supervisors is hereby requested to approve the attached agreement and authorize the execution of the same.

1. Said agreement is between the COUNTY OF SANTA CRUZ (Agency)
GEOSYNTEC CONSULTANTS
and 1500 NEWELL AVENUE, SUITE 800, WALNUT CREEK, CA 94596 (Name & Address)

2. The agreement will provide FOR SOLID WASTE CONSULTANT ENGINEERING SERVICES FOR THE BUENA VISTA
AND BEN LOMOND LANDFILLS

3. The agreement is needed BECAUSE THE WORK CAN BE HANDLED MOST EXPEDITIOUSLY BY CONTRACT.

4. Period of the agreement is from BOARD APPROVAL to JUNE 30, 2001

5. Anticipated cost is \$ 429,868.00 (Fixed amount; Monthly rate; Not to exceed)

6. Remarks: CONTRACT \$429,868.00; OVERHEAD (7%) \$30,090.76; TOTAL \$459,958.76

	<u>6251101 51322! 3545! \$207,626.00</u>	<u>3590</u>
	<u>625110! 51065 6610! \$ 142,346.00</u>	<u>6610</u>
7. Appropriations are budgeted in	<u>625110! 51054! 6610! \$ 62,173.00</u>	<u>(Index#) 6610 (Subobject)</u>
	<u>625110! 51406! 6610! \$ 17,723.00</u>	<u>6610</u>

NOTE: IF APPROPRIATIONS ARE INSUFFICIENT, ATTACH COMPLETED FORM AUD-74

Appropriations are available and will be encumbered. Contract No. Co02303 Date 11-28-00

GARY A. KNUTSON, Auditor - Controller

By Psilbaugh Deputy.

Proposal reviewed and approved. It is recommended that the Board of Supervisors approve the agreement and authorize the DIRECTOR OF PUBLIC WORKS to execute the same on behalf of the PUBLIC WORKS DEPARTMENT

(Agency).

County Administrative Officer

Remarks:

AM

(Analyst)

By DPH

Date 12/1/00

Agreement approved as to form. Date _____

RPM:MG

Distribution:

Bd. of Supv. - White
Auditor-Controller - Blue
County Counsel - Green *
Co. Admin. Officer - Conroy
Auditor-Controller - Pink
Originating Dept. - Goldenrod

*To 0 64 if rejected.

ADM-29 (6/95)

State of California)
County of Santa Cruz) ss

I _____ ex-officio Clerk of the Board of Supervisors of the County of Santa Cruz,

State of California, do hereby certify that the foregoing request for approval of agreement was approved by said Board of Supervisors as recommended by the County Administrative Officer by an order duly entered in the minutes of said Board on _____

County Administrative Officer

BY _____ Deputy Clerk