CITY OF ROSEVILLE

NOTICE FOR PROPOSALS RFP

NOTICE IS HEREBY GIVEN that proposals for General Site Construction Services will be received by the City of Roseville. Proposals will be accepted ONLY at the office of the City of Roseville, Clerks Office, 311 Vernon St., Roseville, CA, 95678, until 3:00p.m., on Friday, January 25, 2013. Said proposals will be evaluated and results will be made public after completion of that process. Specifications and proposal forms for the submitting of a proposal shall be obtained at the Parks, Recreation & Libraries Department, 311Vernon St., Roseville, CA, 95678 or by accessing the City of Roseville website at www.roseville.ca.us. Right is reserved to reject any or all proposals and to waive any informalities or irregularities in any proposal or in the request for proposal process.

IMPORTANT!!!

The City is not responsible for misdelivered proposals, and the Proposer is strictly liable for its chosen method of delivery. It is the Proposer's sole responsibility to make sure that proposals arrive at the proper location. Any proposal which does not actually arrive in the City Clerk's Office by the date and time that the proposal is due may be rejected as nonresponsive, even if properly addressed or delivered to another City Department.

Your proposal **MUST** be addressed and delivered as follows:

City of Roseville, Clerks Office 311 Vernon St. Roseville, CA, 95678

City of Roseville

Parks, Recreation & Libraries

RFP
Request for Proposal
Professional Services for
General Site Construction Services Related to Parks,
Recreation & Library Facilities

SUBMITTIALS DUE: 3:00 p.m., January 25, 2013

LATE PROPOSALS WILL NOT BE EVALUATED

Request for Proposal Professional Services for General Site Construction Services

1. STATEMENT OF PURPOSE

The purpose of this Request for Proposal (RFP) is to establish an on-call service for General Site Construction Services related to Parks, Recreation and Library Facilities. The City of Roseville (hereinafter referred to as "City") is seeking proposals for General Construction Services which includes, but not limited to: site furniture installation, hardscape, clean up, finishes, general conditions.

2. TERMS

The intent of the City is to enter into a five year agreement, four month initial period with optional renewal years, with the selected firm (hereinafter referred to as "Contractor") (see paragraph 15). The contract will be awarded based on the experience and qualifications of the submitting firm, responsiveness to the RFP, and cost relative to the services provided.

3. INSURANCE REQUIREMENTS

The successful Proposer must provide the City, and keep in full force and effect during the term of this contract, insurance certificates issued by an insurance company authorized to do business in California. (Insurance requirements listed below).

The City must be named as an additional insured and issued a separate **Additional Insured Endorsement** with the insurance certificate. In addition, successful bidder/contractor must provide the City, and keep in full force and effect during the term of this contract, and all extensions, insurance by an insurance company authorized to do business in California.

- -Dollar amounts are listed on page 2 of the sample service agreement.
- -The City must be named as an additional insured, with regards to the general liability insurance, and must be issued (as a separate document) an Additional Insured Endorsement Form.
- -30 day's notice in the cancellation clause (10 day non-payment is OK)
- -Certificate holder:

City of Roseville Attn: Risk Management 311 Vernon Street Roseville, CA 95678

4. PROPOSAL EVALUATION CRITERIA

Proposals will be evaluated using the following criteria:

Bidder's Experience 100 points
Pricing 100 points
Overall RFP Response 100 points

A total of 100 points are possible for the Bidder's Experience with projects of similar scope specific within Parks, Recreation & Library Facilities. There are an additional 100 points for Pricing and 100 points for the overall proposal making a total of 300 possible points.

All questions regarding this project shall be directed via fax or email ONLY to: Tara Gee, Fax (916) 774-5253, email tgee@roseville.ca.us. Questions are due no later than 12:00p.m January 18, 2013 without exception. No questions will be accepted after this date. Responses to all questions will be directed back to all interested parties.

The City will not entertain sales calls or presentations during the RFP process. Failure to comply with or complete any portion of this request may result in rejection of a proposal.

5. PROPOSAL SCHEDULE

Α.	Final day for questions in writing:	1/18/13
B.	Proposals due:	1/25/13
C.	Selection Committee scores proposals:	1/31/13
D.	Notification of selection:	2/8/13
E.	City Council Approval:	2/20/13

6. SCOPE OF WORK

A typical project may include the following phases:

PHASE 1: FIELD INVESTIGATION

- 1. Review the existing materials, drawings, reports, etc., prepared by City staff on the proposed project.
- 2. Review the proposed scope.
- 3. Review the existing infrastructure in the park facility.
- 4. Locate, quote product and labor costs.

PHASE 2: REVIEW MATERIAL AND LABOR OPTIONS WITH CITY STAFF

- 1. This phase will consist of review of quotes and material options.
- This phase may also include construction estimates, detailed specifications, and construction schedule. The contractor will be required to provide all materials, equipment, and tools needed to perform the Scope of Work.

PHASE 3: COMPLETE PROJECT AND REVIEW WITH CITY STAFF

- 1. Complete construction as dictated by scope of work.
- 2. Review completed project with City staff.

7. EXAMPLES OF SLATED PROJECTS – Included but not limited to the following:

- 1. Install two benches and footings at Hillsborough Park's new horseshoe courts;
- 2. Remove existing and install a new 3-bay swing component at Hillsborough Park;
- 3. Add 100 square feet of decomposed granite at Veterans Park North between the new overflow parking lot and the concrete path at the ADA parking spaces.
- 4. Replace 2,100 square feet decomposed granite paving with pervious concrete at Bear Dog Park's large dog area.

8. PROJECT CONTROL

- The vendor will meet with selected representatives on a regular basis or as determined necessary by the Parks, Recreation & Library Department to review progress and provide necessary guidance to the contractor in solving problems which may arise.
- 2. Although there will be continuous liaison with the project team, the City will meet as often as required with the contractor's project manager for the purpose of reviewing progress and providing necessary guidance.
- 3. The Contractor will, on a regular basis, submit brief written summaries of the work accomplished during the reporting period, work to be accomplished during the subsequent reporting period, real or anticipated problems and notification of any significant deviation from previously agreed upon work plans.
- 4. Within 10 working days of the review of a project, the Contractor will submit to the City's project manager for approval, a work plan which includes the following:
 - a. The Contractor's project manager assigned to the project
 - b. The project breakdown showing subprojects, activities and tasks
 - c. The time-phased plan for completing the project, based on facility use and season.

9. COST OF PROPOSAL PREPARATION

The City will not pay any costs incurred in the proposal preparation, printing or presentation of proposals. All costs shall be borne by the proposing entity.

10. SUBMITTAL OF PROPOSAL

Proposals may be submitted by hard copy. Copies can be delivered to: City Clerk Department, 311 Vernon Street, Roseville, CA 95678. Include a company profile with your proposal. Repeat question number and questions before the answer.

The following items must be included in your bid packet:

- 1. Contractor's name, address, and name of primary contact person.
- 2. A description of the specific staff who will comprise the project team for this assignment.
- 3. Samples of related/comparable past projects that would serve as examples of experience and expertise necessary for this project.

- 4. Statement of qualifications and experience with public sector work, specifically with Parks & Recreation facilities.
- 5. Bidders Questions (Attachment A)
- 6. List of Licenses (Attachment B)
- 7. Rate Schedule (Attachment C)
- 8. Preferred Materials List (Attachment D)
- 9. Pervious Concrete Spec (Attachment E)

11. CONTRACT AWARD

An agreement shall be negotiated following selection. If the City is unable to negotiate a satisfactory agreement with the selected Contractor, it may undertake negotiations with the next-rated candidate. The award will be made to the lowest responsive bidder based on the evaluation criteria.

Failure to provide information/answers and/or incomplete information/answers may result in a "non-responsive bid". The initial contract resulting from this RFP will be effective approximately February 21, 2013 through June 30, 2013. The contract will include optional extensions.

12. NOTIFICATION OF WITHDRAWL OF PROPOSAL

Proposals may be modified or withdrawn prior to the date and time specified for proposal submission with a formal written notice by an authorized representative of the bidder. Proposals submitted will become property of the City after the Proposal submission deadline.

13. PRICING

Bidders are to quote pricing for hourly rates, overtime rates, emergency rates, and subcontractor mark-up (see attachment "C"). Any requested price increases for the annual renewal terms shall be submitted by the successful bidder and approved by the City prior to the award of subsequent terms. Price increase requests must be substantiated by verifiable documentation such as the Consumer Price Index. The total price increase allowed for any renewal term shall not exceed 3% of the prior year's total contract price. During a contract year, the City may temporarily re-negotiate pricing if it is affected by an unforeseen national/world crisis.

14. INVOICING

The Contractor will be paid monthly for services completed during the previous month. The monthly invoice will be in summary form and shall include the current service agreement number. Attached to the summary invoice must be a copy of the work order, as provided to the designated City representative, for each project. The work order must include but is not limited to: 1) the address / building where project was performed, 2) description of service(s)

performed, and 3) fee/rate charged in accordance with the Contractor's quoted pricing, and requestor's name.

15. CONTRACT EXTENSION

At the City's sole option, the term of the Agreement may be extended on an annual basis July 1 – June 30, up to four renewal years, at the quoted hourly rate in the existing agreement. The option to extend the Agreement will be contingent upon Contractor performance and available funding.

16. WORK HOURS

The Contractor shall provide scheduled routine work during regular hours for all projects, except where agreed upon in advance by both the City and the Contractor and in the case of an emergency. Standard hours are 7am – 7pm weekdays.

17. COST ESTIMATES

Contractor may be required to visit work sites for the purpose of providing cost estimates on individual jobs. Contractor shall submit a written cost estimate to the Parks, Recreation & Libraries Office. Cost estimates shall be provided at no charge to the City. Contractor shall not start any job prior to getting authorization from the facility representatives, and only after the required permits have been obtained.

18. NO RIGHT OF REFUSAL

There will be no right of refusal due to size or location of projects. Refusal of projects will be grounds for contract cancellation.

19. RESPONSIBILITY OF CONTRACTOR

The Contractor shall do all of the work and furnish all labor, materials, tools, equipment, and appliances necessary for performing and completing the work requested, including any change in conformity with the true meaning and intent of the contract drawings, specifications, and all provisions of the contract, within the time specified. All work must meet all applicable Parks Construction Standards available online at www.roseville.ca.us.

20. LICENSES

Contractor must have all necessary licenses and permits required by Federal, State, County, City and municipal laws, ordinances, rules and regulations. The Contractor shall maintain these licenses and permits in effect for the duration of the agreement. Contractor shall notify the City immediately of loss or suspension of any such licenses and permits. Failure to maintain a required license or permit may result in immediate termination of the agreement. Bidders must list license information on bid page titled CONTRACTOR LICENSES (Attachment "B") included in this bid package.

21. PREVAILING WAGE

Prevailing wages are required to be paid to all workers employed on public works projects in excess of one thousand dollars (\$1000) per California State Code 1771 stated as follows:

Except for public works projects of one thousand dollars (\$1,000) or less, not less than the general prevailing rate of per diem wages for work of a similar character in the locality in which the public work is performed, and not less than the general prevailing rate of per diem wages for holiday and overtime work fixed as provided in this chapter, shall be paid to all workers employed on public works.

This section is applicable only to work performed under contract, and is not applicable to work carried out by a public agency with its own forces. This section is applicable to contracts let for maintenance work.

22. NONDISCRIMINATION

Contractor shall not discriminate in the provision of services because of color, race, creed, national origin, religion, sex, sexual orientation, age, or physical or mental handicap in accordance with Title VI of the Civil Rights Act of 1964 (42 U.S.C. Section 2000D), the American with Disabilities Act (42 U.S.C. Section 12131 et seq.), and all other applicable laws and regulations requiring no discrimination.

23. CONDUCT OF EMPLOYEES

Contractor employees shall conduct themselves in a courteous and professional manner at all times. The Contractor shall only furnish employees who are competent and skilled for work under this contract. If, in the opinion of the City, an employee of the Contractor is incompetent or disorderly, refuses to perform in accordance of the terms and conditions of this contract, threatens or uses abusive language while on City property, or is otherwise unsatisfactory, that employee shall be removed from all work under the contract.

24. INSPECTION OF CONTRACTOR WORK

All services, which include services performed, material furnished or utilized in the performance of services, and workmanship in the performance of services, shall be subject to inspection and test by the City to the extent practicable, at all times and places during the term of the Agreement. All inspections by the City shall be made in such a manner as not to unduly delay the work.

If any services are not in conformity with the requirements of the agreement, the City shall have the right to (a) require the Contractor to immediately take necessary steps to perform the services in conformity with the requirements of the agreement, and (b) make monetary deductions to reflect the reduced value of the services performed.

25. TERMINATION

This agreement may be terminated by either party upon 45 days prior written notice or immediately in the event that the City determines the Contractor has:

- A) Failed to make progress to the extent that the successful fulfillment of this contract is in doubt.
- B) Failed to meet specifications,
- C) Defaulted, in whole or in part, at any time,
- D) Negligence.
- E) Failed to deliver the supplies or to perform the services within the time specified in this contract or any extension.

Whenever, in the opinion of the City, services are not satisfactory, the Contractor shall be advised of the reasons, If the Contractor fails to correct the unsatisfactory conditions within ten (10) days, the City may declare this contract terminated and contract with another service provider, City shall have no obligation to issue more than two notices of unsatisfactory performance in any calendar year. In the event two such notices of unsatisfactory performance are given in any calendar year, and in the event that the Contractor (or representing subcontractor) shall again fail to satisfactorily perform services pursuant to this contract, the City may thereupon terminate the contract immediately. Upon termination of the contract, the City shall only be liable for payment of the services rendered satisfactorily.

26. FINAL INSPECTION

The Contractor shall notify Park Development of the Parks, Recreation & Libraries Department of the completion of the work, and the City shall promptly inspect the work. The Contractor or the Contractor's representative may be present at the final inspection.

27. PROTECTION

Contractor shall take all necessary precautions to protect the work area to avoid unnecessary noise, confusion, dust or dirt, and protect the health and safety of occupants of buildings and surrounding work areas. When equipment and other items must be removed during the performance of the work, it shall be the Contractors responsibility to check with appropriate City personnel to obtain the required approval before moving any equipment and/or other items.

28. ACCESS

The City shall furnish access to all parts of the job sites where the Contractor is to perform work as required by this agreement. Keys and/or access key cards must be kept in confidence, and immediately reported to the City of Roseville if lost or stolen.

29. DAMAGE

Contractor shall be responsible for any damage by their company during the course of completing their work to any building or structure, and shall repair to match existing materials or surfaces to the satisfaction of the City's representative. Contractor shall at their own expense replace any materials damaged to an extent that they cannot be restored to their

original condition. Contractor shall be responsible and liable for injury to any life or property during the course of their work. Should a breakdown to City equipment occur due to the negligence of Contractor, the Contractor will be liable for all repair costs.

30. DEBRIS REMOVAL

Contractor shall be responsible for the cleanup and disposal of debris, waste lubricants, solvents, rags and other contaminates in a proper and legal manner. Environmental guidelines shall be followed in disposing of debris, lubricants, solvents, rags and contaminates. Rags shall be removed in a drip proof container and disposed of in a proper trash container. Waste lubricant and solvents shall not be disposed of at the City. Contractor agrees to leave the job site in a clean and orderly condition and to allow the City to inspect all work to ensure it meets with City's approval.

31. SAFETY

The contractor shall plan and conduct the work in a manner that will safeguard all persons from injury and shall take all precautions as required by Cal/OSHA (California/ Occupational Safety and Health Administration), California Department of Industrial Relations, and environmental regulations.

32. MATERIAL SAFETY DATA SHEETS (MSDS)

Contractor shall provide MSDS' for all products used in providing the services outlined under this solicitation. MSDS sheets will be kept on file in the Building Maintenance Division at the Corporation Yard.

33. HAZARDOUS MATERIALS

The Contractor shall promptly, and before the site is disturbed, notify the City if the Contractor detects any structural material that may be hazardous as defined in California Health and Safety Code Section 25117, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance of existing law.

34. CONFORMANCE WITH CODES AND STANDARDS

All work and materials shall be in full accordance with the latest adopted standards and regulations of the State Fire Marshal; the Uniform Building Codes; Title 24 of the California Administrative Code; the National Electrical Code; the Uniform Plumbing Code published by the Eastern Plumbing Officials Association; and other applicable codes, laws or regulations.

35. RESPONSIBILITY FOR ACCURACY

The Contractor shall obtain all necessary measurements for and from the work, and shall check dimensions, elevations, and grades for all layout and construction work and shall supervise such work, the accuracy for all of which the Contractor shall be responsible.

36. NO ASSIGNMENT OR MODIFICATIONS

This Agreement is to be binding on the successors and assigns of the parties hereto. The services called for herein are deemed unique and except as provided herein Contractor shall not assign, transfer, subcontract, or otherwise substitute its interest in the agreement or any of its obligations herein without the written consent of the City. The Agreement may be modified only by a written amendment signed by the parties.

37. WARRANTY

The Contractor and/or manufacturer shall warrant all material or products and labor provided under the contract. Warranty periods must be included in responses to the proposal.

The Contractor shall be considered primarily responsible to the City for all warranty service, parts, and labor applicable to the material or products provided by the Contractor in this bid award, irrespective of whether the Contractor is an agent, broker, fabricator, or manufacturer's dealer. The Contractor shall be responsible for ensuring that warranty work is performed at a local agency or facility convenient to the City and that services, parts, and labor are available and provided to meet the City's schedules and deadlines. The Contractor may establish a service contract with a local agency satisfactory to the City to meet this obligation if the Contractor does not ordinarily provide warranty service.

All such non-Contractor warranty service, parts, and labor must be clearly identified in the proposal.

38. BANKRUPTCY

Upon filing for any bankruptcy or insolvency proceeding whether voluntary or involuntary, or upon the appointment of a receiver, trustee, or assignee for the benefit of creditors, the Contractor must notify the City of Roseville immediately. Upon learning of the actions herein identified, the City reserves the right, at its sale discretion, to cancel the contract.



PURCHASING CITY OF ROSEVILLE

By: ______

2005 HILLTOP CIRCLE, ROSEVILLE, CA 95747 (916) 774-5720 • TDD (916) 774-5220 • FAX (916) 774-5736

O APRIL	SERVICE AG		SERVIC No:	CE AGREEMENT			
SERVICE LOCATION: REQ. NO.:DATE:							
				SUBMIT AL CITY OF RO Finance Dep 311 Vernon Roseville, Co	oartment Street		
Contractor No.: Telephone No.:	Fax:		Department:				
Contractor:			Acct. Code:				
			Buyer: Phone:				
Start Date	Terms	Completion Date	Insurance	Limits	Contact		
			Approved by				
The contractor shall furnish all labor, equipment and materials necessary to accomplish the following: SAMPLE							
	age laws and fair employ nvoice(s) to the City's Ac				roll documents must be visions).		
Contractor License N	lo.:		Total Co	ost of Service:			
Business License No).:		\$				
ATTENTION: Total	al cost of service not	to exceed the a	bove amount with	nout prior ap	oproval of the		
Purchasing Office) .						
	ned hereon by the acce provisions on page 2 dement".		CITY OF ROSEVILLE A MUNICIPAL CORP	•			
CONTRACTOR:							

Ray Kerridge City Manager

Distribution: 1- Purchasing, 1 - Contractor, 1 - Originating Dept

- 1. Contractor shall hold harmless, defend and indemnify the City of Roseville and its officers, officials, employees and volunteers from and against all claims, damages, losses and expenses including attorney fees arising out of the work described herein, caused in whole or in part by any negligent act or omission of the contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts of any of them may be liable, except where caused by the active negligence, sole negligence, or willful misconduct of the City of Roseville.
- 2. Contractor is an independent contractor, and shall not be considered an officer, agent, or employee of City.
- 3. Without the written consent of the City, this Agreement is not assignable by Contractor either in whole or in part.
- 4. Time is of the essence of this Agreement.
- 5. At any time during the term of this Agreement, the City has the right to terminate this Agreement provided vendor is given a 30 day notice.
- 6. This Agreement may only be amended or modified in writing. It is integrated and contains the complete understanding of the parties.
- 7. All equipment, supplies and services sold to the City of Roseville shall conform to the general safety orders of the State of California.
- 8. Unless notified to the contrary, in writing, the City assumes that the Contractor has accepted the work in accordance with the plans and specifications (if any) and agrees to do the work in compliance with this Agreement.
- 9. All prevailing wages and fair employment practices will be adhered to. For prevailing wage contracts over \$25,000, copies of certified payroll must be submitted with invoices. Prevailing wage rates may be obtained from the State Department of Industrial Relations and/or the following website address: http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm.
- 10a. Unless otherwise specified, the Contractor shall maintain the following policies of insurance in full force and effect during the term of this Agreement in the amount shown below. The City of Roseville retains sole discretion in determining the types and proper levels of insurance coverage.

Commercial General Liability Insurance (policy to be as broad as the standard ISO form)	\$1,000,000 per occur/\$2,000,000 aggregate
Automobile Liability Insurance including owned, hired, and non-owned vehicles.	\$500,000 per person/\$1,000,000 per accident
Workers' Compensation	Statutory

- 10b. All insurance coverages of Contractor are primary insurance as to City. City shall not be required to contribute to any loss through its insurance policies and/or self-insured programs.
- 10c. The limits of insurance coverages specified above in no way limit the liability of Contractor for full payment and resolution of any claim resulting from Contractor's performance of services under this Agreement.
- 10d. A certificate of insurance, in a form approved by the Risk Management Division, shall be provided by Contractor prior to the execution of this agreement. The City requires at least 30 days prior written notice to the City of any material change or cancellation (10 day for non-payment). The certificate shall include an endorsement naming the City of Roseville, its officers, agents, employees and volunteers as an Additional Insured for on-going and completed operations. In addition, the insurance policy may not contain language which prohibits additional insureds or other insurers from satisfying the self-insured retention or deductible. Any deductibles or self-insured retentions must be declared on the certificate of insurance and approved by the City in writing.
- 10e. The Workers' Compensation policy shall contain the insurer's waiver of subrogation in favor of the City, its officers, agents and employees.
- 11. Contractor shall comply with all federal, state and local laws and ordinances, including but not limited to the City's storm water regulations, as may be applicable to the performance of services under this agreement. Failure to comply with local ordinances may result in monetary fines and cancellation of this agreement. Refer to www.roseville.ca.us/stormwater for links to more information on the City's storm water regulations.
- 12. In the event that the terms of any attachment or exhibit conflict with any terms of this Service Agreement, the terms of this Service Agreement shall control.
- 13. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. In the event that any signature is delivered by facsimile transmission or by e-mail delivery of a ".pdf" format data file, such signature shall create a valid and binding obligation of the party executing (or on whose behalf such signature is executed) with the same force and effect as if such facsimile or ".pdf" signature page were an original thereof.

City reserves the right to withhold any payments to Contractor in the event of noncompliance with insurance requirements.

Rev 8/30/12 KJ Service Agreement

Attachment "A"

Bidder Experience

Information must be provided in the order it is requested. Failure to provide information/answers and/or incomplete information/answers may result in a "Non-responsive bid". It is the bidder's responsibility to provide the information as specified in the RFP. When answering the questions below, repeat the number and the question before your response.

A total of 100 points are possible for this questionnaire: 50 points for Company information and 50 points for Employee information

Company (Max 50 points)

- 1. Describe your company's history, ownership and organizational structure.
- 2. Specify name, title and duration of service for your company's principal officers.
- 3. Include your company's most recent annual report.
- 4. Provide information about any lawsuits, liens, restraining orders, foreclosures, or other legal/financial actions pending, in progress, or which have been brought against your company in the last three (3) years. If there are none, you must state "NONE".
- 5. Provide three (3) references of clients that are using your services, similar in scope to what the City of Roseville is requesting in this RFP. See Attachment "D"
- 6. What distinguishes your company's services from that of your competition?

Attachment "A"

Experience (Max 50 Points)

Project Experience

Please list below three parks and recreation projects completed in the last three (3) years that included, at minimum, the amenities noted above.

1.	Project Name:		
	Type of services provided		
	Agency Name Completion Date	Contact Name/Phone	
2.	Project Name:		
	Type of services provided		
		Contact Name/Phone	
	Completion Date		
3.	Project Name:		
	Type of services provided		
	A garay Nama	Contact Nove / Dhone	
	Completion Date	Contact Name/Phone	
4.	Project Name:		
	Type of services provided		
	Agency Name	Contact Name/Phone	
	Completion Date		

Attachment "B"

CONTRACTOR LICENSES

List the licenses held by your company and/or employees. The following representations are made under penalty of perjury:

CA State Lic No.	Name on License	Class/Type	Expiration Date

Attachment "C" (Max 100 Points)

Itemized Costs

To be able to better evaluate your proposal and capabilities please furnish a cost per the following example: Project specifics will vary. If the project specific quantities vary by more than 25%, prices will be amended to the specific work involved.

*Contract award shall be based on lowest total of the items below.

Description	Sample Quantity	Unit Measure (based on sample quantity)	Unit Cost (based on sample quality)
Supply and install 6' long benches (with footings per manufacturer's recommendations)	2	Each	
Supply and install 6' long picnic table (with footings per manufacturer's recommendations)	3	Each	
Supply and install concrete for one location	500	Square Feet	
Supply and install decomposed granite paving	100	Square Feet	
Supply and install pervious concrete paving (see attachment 1)	2,100	Square feet	
Supply and install asphaltic concrete paving	1,000	Square Feet	
Supply and install poured in place resilient rubber ADA ramps into play area	1	Each	
Supply and install concrete park identification signs	1	Each	

All work shall comply with the City of Roseville's Parks Construction Standards, latest edition, unless otherwise noted. The standards are posted online.

RATE SCHEDULE

Standard hourly rate	\$		
Overtime hourly rate	\$		
Emergency response hourly rate	\$		
Standard response time		Hrs	
Emergency response time	ş <u></u>	Hrs	
Subcontractor Mark-up	1=	%	
Materials provided by the Contractor markup to the actual cost of materials. pickup and delivery of materials.			
Your Percentage Markup:		%	

Attachment "D"

Excerpt from 2011 Parks Construction Standards



Preferred Materials List

	10 mg	Preterred IVIa		
Description	Model #	Manufacturer	Distributor	Comments
Backstops (Permanent)				Shall be per PK-45 or PK-46 and PK-50
Backstops (Portable)	1204-12	Patterson Williams	David O'Keefe (925) 283-4404	or accepted equal.
Ball Field Mix	60/40 red lava and clay loam		West Coast Sand and Gravel, (800) 734-3053	or accepted equal.
Barbecue Pits	#200-X	Iron Mountain Forge	All About Play (800) 788-8855	Heavy duty, black or accepted equal.
Basketball Courts			:	Concrete with fiber mesh, except with prior approval.
Basketball	1513	Patterson Williams	David O'Keefe (925) 283-4404	6' offset, #31 heavy-duty chain net and goal, #26 1/4" rectangular heavy-duty solid steel, powder-coated backboard, lifetime warrantee. Dual post
Goals		Wausau Tile	(800) 231-4836	6' offset, heavy-duty chain net, aluminum rectangular powder- coated backboard. Single pre-cast concrete post.
				or accepted equal.
Benches	'SG' Series Signature Series	Wabash Valley	David O'Keefe (925) 283-4404	Expanded metal, PVC coated, in-ground mount or accepted equal.
	WBR-700	LA Steelcraft	Ross Recreation (916) 985-6349	7' loop (ribbon-style), 2- 3/8" O.D Powder coated
Bike Racks	709	Miracle	Dale Green & Associates (916) 672-0112	Loop style, powder coated
				or accepted equal.
Bollard				shall be per detail PK-39.
Chain Link Fencing	Standard 9 gauge fabric	Per Standard detail PK-40 (PW Standard)		At play courts, all parts (i.e. posts, fabric, fittings) black vinyl coated, unless otherwise accepted.



Description	Model #	Manufacturer	Distributor	Comments
Drinking Fountains	440	Most Dependable Fountains	(800) 821-9838	Dual bowl with jug filler and black powder coated finish. Connect to sanitary sewer lines where feasible.
Light Pole	RT34-14 DE BLK TXT 30-30	Whatley		14' nominal mounting height, round tapered, direct burial pole. Finish: Black (This item is available at Central Stores.)
Lights (Security/ Pathway)				Whenever possible, match existing streetlights and use an LED fixture
Lights (Parking lot)		Verify fixture style with Project Manager		150 W HPS. 20' straight steel pole. Finish: Black
Park Identification Sign	City Standard PK-28	Quick Crete Products Norco, CA	(916) 447-8644	Concrete
Park Namesake Bio Sign		KVO Industries, Inc.	(707) 573-6868	Information provided by City.
Park Signs (Other)		Aluminum Alloy, 6061-T6 ASTM		Locate within planted (non-turf) areas. Use same posts or light post when possible. Conform to Public Works Standards.
Picnic Tables	'SG' series	Wabash Valley	David O'Keefe (925) 283-4404	Expanded metal, PVC- coated, in-ground mount, or accepted equal.
	10355	Enduro Bury-In Home Plate		1/field
Softball Bases	10390	Step-Down Pitching Rubber	Tomark	2/field
and Pitching Rubber	10053 and 10050	Saf-T-Slider Base with Double First Base	(800) 959-1844	1 set/field
	10225	Anchor Ground Stakes		8 total/field

Attachment "E"

Pervious Concrete Specification

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Material Evaluation

Product: 3/8" x #8 CA (Pea Gravel)

		Percent		Specific Gravity		
Sleve S	ize	Passing		Specific Gravity		
'5mm	34			Bulk	2.62	
33mm	2 1/2"					
0mm	2"			Bulk SSD	2.66	
7.5mm	1 1/2"					
?5mm	1"	Rath Www		Apparent	2.72	
19mm	3/4"					
12.5mm	1/2"	100		Absorption %	1.3	
9.5mm	3/8"	97				
4.75mm	#4	16		Crushed Particle Count		
2.36mm	#8	11				
1.18mm	#16	1		1 face	26.0	
600µm	#30			2 face	14.0	
300µm	#50			3 face	8.0	
150µm	#100				A 116 - O 12 - 12 - 12 - 12 - 12 - 12 - 12 -	
75μm	#200		<u></u>	Flat & Elong (3:1)		
Cleann	ess Value		90	Friable Particles	0.4	
Durabí	lity Index	EMARKON PO POTO	1	Unit Weight	:	
edecision de designaturales de la constantia della consta			Mes and Continuesco	Dry Loose (PCF)	103.4	
Sodiur	n Sulfate	percent loss)	THE REPORT OF THE PARTY OF THE	Dry Rodded (PCF)	109.2	
Caltra	ans		0.6			
ASTM 0.8		0.8	L. A. Rattler (abrasion loss):			
	- 509400			Loss @ 100 revs	3.6	
Minus #200 0.4		0.4	Loss @ 500 revs	18.4		
1.0001	0.0000.00				Alon constitu	
ASIM	C 1293 AI	kali Reactivity		:1	Non-reactiv	

CEMENT TEST REPORT

Cement: Permanente Type II-V, Low Alkali; ASTM C 150-09

### ASTM C 114 RESULTS ### SILICON Dioxide (SiO ₂), % Aluminum Oxide (Al ₂ O ₃), % Ferric Oxide (Fe ₂ O ₄), % Galcium Oxide (CaO), % Magnesium Oxide (MgO), % Sulfur Trioxide (SO ₄), % Loss on Ignition (LOI), % Insoluble Residue, % Alkalies (Na ₂ O equivalent), % Tricalcium Silicate (C ₂ S), % degree of the control of the	ASTM C 150-09 SPE	CIFICATIONS
21.3 Aluminum Oxide (Al ₂ O ₃), % 3.7 3.7 3.7 3.7 3.7 3.6 3.7 3.6 3.7 3.6 3.3 3.5 3.5 3.3 3.5 3.3 3.5 3.3 3.5 3	TYPE II	TYPE V
Aluminum Oxide (Al ₂ O ₃), % Ferric Oxide (Fe ₂ O ₃), % Calcium Oxide (CaO), % 65.5 Magnesium Oxide (MgO), % Loss on Ignition (LOI), % Loss on Ignition (LOI), % Loss on Ignition (LOI), % Alkalies (Na ₂ O equivalent), % Tricalcium Silicate (C ₂ S), % degree (C ₃ S), % deg	20.0 Min	
Serric Oxide (Fe ₂ O ₃), % 3.6 Calcium Oxide (CaO), % 65.5 Magnesium Oxide (MgO), % 1.6 Sulfur Trioxide (SO ₃), % 3.3 Loss on Ignition (LOI), % 1.9 Insoluble Residue, % 0.61 Alkalies (Na ₂ O equivalent), % 0.61 Alkalies (Na ₂ O equivalent), % 62 Dicalcium Silicate (C ₃ S), % 13 Tricalcium Silicate (C ₃ S), % 13 Tricalcium Aluminate (C ₃ A), % 14 Tetracalcium Aluminate (C ₃ A), % 11 2 (C ₃ A) + C ₄ AF, % 18 PHYSICAL REQUIREMENTS (ASTM C 1038) Expansion @ 14 days, % 0.003 (ASTM C 452) Expansion @ 14 days, % 0.021 (ASTM C 430) -325 Mesh, % 99.3 (ASTM C 204) Blaine, m2/kg (ASTM C 114) Limestone, max, % 2.5 (ASTM C 114) Limestone, %CaCO3 83.6 (ASTM C 114) Cement, %CO2 0.92 (ASTM C 191) Time of Setting - Initial (Vicat) 136 (ASTM C 151) Autoclave Expansion, % 0.01 (ASTM C 187) Normal Consistency, % 0.01 (ASTM C 187) Normal Consistency, % 1747 3 Day 7 Day 1173	6.0 Max	****
Calcium Oxide (CaO), % Magnesium Oxide (MgO), % Sulfur Trioxide (SO ₄), % Loss on Ignition (LOI), % Insoluble Residue, % Alkalies (Na ₂ O equivalent), % Cricalcium Silicate (C ₃ S), % Dicalcium Silicate (C ₃ S), % Dicalcium Aluminate (C ₃ A), % Tricalcium Aluminoferrite (C ₄ AF), % 13 Tricalcium Aluminoferrite (C ₄ AF), % 14 Tetracalcium Aluminoferrite (C ₄ AF), % 18 PHYSICAL REQUIREMENTS (ASTM C 1038) Expansion @ 14 days, % (ASTM C 452) Expansion @ 14 days, % (ASTM C 452) Expansion @ 14 days, % (ASTM C 204) Blaine, m2/kg (ASTM C 114) Limestone, max, % (ASTM C 114) Limestone, %CaCO3 (ASTM C 114) Cement, %CO2 (ASTM C 191) Time of Setting - Initial (Vicat) (ASTM C 185) Air Content, % (ASTM C 185) Air Content, % (ASTM C 187) Normal Consistency, % (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 3 Day 7 Day 4173	6.0 Max	22.22
Magnesium Oxide (MgO), % Sulfur Trioxide (SO ₃), % Loss on Ignition (LOI), % Insoluble Residue, % Alkalies (Na ₂ O equivalent), % Dicalcium Silicate (C ₃ S), % Dicalcium Silicate (C ₃ S), % Dicalcium Aluminate (C ₃ A), % Tricalcium Aluminoferrite (C ₄ AF), % 13 Tricalcium Aluminoferrite (C ₄ AF), % 14 2 (C ₃ A) + C ₄ AF, % 18 PHYSICAL REQUIREMENTS (ASTM C 1038) Expansion @ 14 days, % (ASTM C 452) Expansion @ 14 days, % (ASTM C 452) Expansion @ 14 days, % (ASTM C 104) Limestone, max, % (ASTM C 114) Limestone, max, % (ASTM C 114) Limestone, %CaCO3 (ASTM C 119) Time of Setting - Initial (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 185) Air Content, % (ASTM C 185) Air Content, % (ASTM C 187) Normal Consistency, % (ASTM C 187) Normal Consistency, % (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 3 Day 7 Day 11747 3 Day 1173		
Sulfur Trioxide (SO ₃), % Loss on Ignition (LOI), % Insoluble Residue, % Alkalies (Na ₂ O equivalent), % Dicalcium Silicate (C ₃ S), % Dicalcium Silicate (C ₂ S), % Dicalcium Aluminate (C ₃ A), % Tricalcium Aluminate (C ₃ A), % Tetracalcium Aluminoferrite (C ₄ AF), % PHYSICAL REQUIREMENTS (ASTM C 1038) Expansion @ 14 days, % (ASTM C 452) Expansion @ 14 days, % (ASTM C 452) Expansion @ 14 days, % (ASTM C 204) Blaine, m2/kg (ASTM C 104) Limestone, max, % (ASTM C 114) Limestone, max, % (ASTM C 114) Limestone, %CaCO3 (ASTM C 1191) Time of Setting - Initial (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 185) Air Content, % (ASTM C 185) Air Content, % (ASTM C 185) Air Content, % (ASTM C 187) Normal Consistency, % (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 3 Day 7 Day 113 1.9 1.9 1.9 1.9 1.9 1.9 1.9	6.0 Max	6,0 Max
1.9	3.0 Max	2.3 ^B Max
## 1.00 1.00	3.0 Max	3.0 Max
Fricalcium Silicate (C, S), %" 62	0.75 Max	0.75 Max
Dicalcium Silicate (C ₂ S), % ^a 13 Tricalcium Aluminate (C ₃ A), % ^a Tetracalcium Aluminoferrite (C ₄ AF), % ^a 11 2 (C ₃ A) + C ₄ AF, % 18 PHYSICAL REQUIREMENTS (ASTM C 1038) Expansion @ 14 days, % (ASTM C 452) Expansion @ 14 days, % (ASTM C 430) -325 Mesh, % (ASTM C 204) Blaine, m2/kg (ASTM C114) Limestone, max, % (ASTM C114) Limestone, %CaCO3 (ASTM C114) Cement, %CO2 (ASTM C 191) Time of Setting - Initial (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 185) Air Content, % (ASTM C 185) Air Content, % (ASTM C 187) Normal Consistency, % (ASTM C 199) Compressive Strength, psi (MPa) 1 Day 3 Day 7 Day 113 113 114 4 115 116 4 117 117 118 118 118 119 120 130 130 140 150 160 170 170 170 170 170 170 17	0.60 Max	0.60 Max
Dicalcium Silicate (C ₂ S), %" Tricalcium Aluminate (C ₃ A), %" Tetracalcium Aluminoferrite (C ₄ AF), %" 11 2 (C ₃ A) + C ₄ AF, % PHYSICAL REQUIREMENTS (ASTM C 1038) Expansion ® 14 days, % (ASTM C 430) -325 Mesh, % (ASTM C 204) Blaine, m2/kg (ASTM C114) Limestone, max, % (ASTM C114) Limestone, %CaCO3 (ASTM C 191) Time of Setting - Initial (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 185) Air Content, % (ASTM C 185) Air Content, % (ASTM C 191) Normal Consistency, % (ASTM C 190) Compressive Strength, psi (MPa) 1 Day 3 Day 7 Day 113 1 14 1 15 4 111 1 2 4 1 11 1 2 (C ₃ A) + C ₄ AF, % 1 11 1 18 1 18 PHYSICAL REQUIREMENTS 0.003 (.003 (.003 (.003 (.003 (.003 (.003 (.001 (.	****	****
Tricalcium Aluminate (C ₃ A), %" Fetracalcium Aluminoferrite (C ₄ AF), %" 2 (C ₃ A) + C ₄ AF, % PHYSICAL REQUIREMENTS (ASTM C 1038) Expansion @ 14 days, % (ASTM C 452) Expansion @ 14 days, % (ASTM C 430) -325 Mesh, % (ASTM C 204) Blaine, m2/kg (ASTM C114) Limestone, max, % (ASTM C114) Limestone, %CaCO3 (ASTM C114) Cement, %CO2 (ASTM C 191) Time of Setting - Initial (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 151) Autoclave Expansion, % (ASTM C 151) Autoclave Expansion, % (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 1 Day 7 Day 4173		****
2 (C ₃ A) + C ₄ AF, % 18 PHYSICAL REQUIREMENTS 0.003 (ASTM C 1038) Expansion @ 14 days, % 0.021 (ASTM C 452) Expansion @ 14 days, % 0.021 (ASTM C 430) -325 Mesh, % 99.3 (ASTM C 204) Blaine, m2/kg 374 (ASTM C114) Limestone, max, % 2.5 (ASTM C114) Limestone, % CaCO3 83.6 (ASTM C114) Cement, % CO2 0.92 (ASTM C 191) Time of Setting - Initial (Vicat) 136 (ASTM C 191) Time of Setting - Final (Vicat) 266 (ASTM C 451) False Set, % 92 (ASTM C 185) Air Content, % 6.4 (ASTM C 151) Autoclave Expansion, % 0.01 (ASTM C 187) Normal Consistency, % 24.7 (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 3 Day 7 Day 4173	8 Max	5 Max
PHYSICAL REQUIREMENTS (ASTM C 1038) Expansion @ 14 days, % (ASTM C 452) Expansion @ 14 days, % (ASTM C 430) -325 Mesh, % (ASTM C 204) Blaine, m2/kg (ASTM C114) Limestone, max, % (ASTM C114) Limestone, %CaCO3 (ASTM C114) Cement, %CO2 (ASTM C 191) Time of Setting - Initial (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 151) Autoclave Expansion, % (ASTM C 151) Autoclave Expansion, % (ASTM C 187) Normal Consistency, % (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 1 Day 3 Day 7 Day 1173	5+11-1	-
(ASTM C 1038) Expansion ® 14 days,% (ASTM C 452) Expansion ® 14 days,% (ASTM C 430) -325 Mesh, % (ASTM C 204) Blaine, m2/kg (ASTM C114) Limestone, max, % (ASTM C114) Limestone, %CaCO3 (ASTM C114) Cement, %CO2 (ASTM C 191) Time of Setting - Initial (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 151) Air Content, % (ASTM C 151) Autoclave Expansion, % (ASTM C 187) Normal Consistency, % (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 1 Day 3 Day 7 Day 4173		25 Max
(ASTM C 452) Expansion @ 14 days,% (ASTM C 450) -325 Mesh, % (ASTM C 204) Blaine, m2/kg (ASTM C114) Limestone, max, % (ASTM C114) Limestone, %CaCO3 (ASTM C114) Limestone, %CaCO3 (ASTM C114) Cement, %CO2 (ASTM C 191) Time of Setting - Initial (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 451) False Set, % (ASTM C 185) Air Content, % (ASTM C 151) Autoclave Expansion, % (ASTM C 187) Normal Consistency, % (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 1 Day 3 Day 7 Day 1173		Seff While
(ASTM C 430) -325 Mesh, % (ASTM C 204) Blaine, m2/kg (ASTM C114) Limestone, max, % (ASTM C114) Limestone, %CaCO3 (ASTM C114) Cement, %CO2 (ASTM C 191) Time of Setting - Initial (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 451) False Set, % (ASTM C 185) Air Content, % (ASTM C 151) Autoclave Expansion, % (ASTM C 187) Normal Consistency, % (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 1 Day 3 Day 7 Day 99.3 374 99.3 474 3 Day 3179 4173	0.020 Max	0.020 Max
(ASTM C 204) Blaine, m2/kg (ASTM C114) Limestone, max, % 2.5 (ASTM C114) Limestone, %CaCO3 (ASTM C114) Cement, %CO2 (ASTM C 191) Time of Setting - Initial (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 451) False Set, % (ASTM C 185) Air Content, % (ASTM C 185) Air Content, % (ASTM C 187) Normal Consistency, % (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 1 Day 3 Day 7 Day 4173	(*****)	0.04 Max
(ASTM C114) Limestone, max, % (ASTM C114) Limestone, %CaCO3 (ASTM C114) Limestone, %CaCO3 (ASTM C114) Cement, %CO2 (ASTM C 191) Time of Setting - Initial (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 451) False Set, % (ASTM C 185) Air Content, % (ASTM C 185) Air Content, % (ASTM C 187) Normal Consistency, % (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 1 Day 3 Day 7 Day 4173	(parts)	15101
(ASTM C114) Limestone, %CaCO3 (ASTM C114) Cement, %CO2 (ASTM C 191) Time of Setting - Initial (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 451) False Set, % (ASTM C 185) Air Content, % (ASTM C 185) Air Content, % (ASTM C 151) Autoclave Expansion, % (ASTM C 187) Normal Consistency, % (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 1 Day 3 Day 7 Day 4173	280 Min	280 Min
(ASTM C114) Cement, %CO2 (ASTM C 191) Time of Setting - Initial (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 451) False Set, % (ASTM C 185) Air Content, % (ASTM C 185) Air Content, % (ASTM C 151) Autoclave Expansion, % (ASTM C 187) Normal Consistency, % (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 1 Day 3 Day 7 Day 4173	5 Max	5 Max
(ASTM C 191) Time of Setting - Initial (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 451) False Set, % (ASTM C 185) Air Content, % (ASTM C 187) Autoclave Expansion, % (ASTM C 187) Normal Consistency, % (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 1 Day 3 Day 7 Day 1747		
(ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 191) Time of Setting - Final (Vicat) (ASTM C 451) False Set, % (ASTM C 185) Air Content, % (ASTM C 151) Autoclave Expansion, % (ASTM C 187) Normal Consistency, % (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 1 Day 3 Day 7 Day 4173		****
(ASTM C 451) False Set, % (ASTM C 185) Air Content, % (ASTM C 187) Autoclave Expansion, % (ASTM C 187) Normal Consistency, % (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 1 Day 3 Day 7 Day 4173	45 Min	45 Min
(ASTM C 185) Air Content, % 6.4 (ASTM C 185) Air Content, % 6.4 (ASTM C 151) Autoclave Expansion, % 24.7 (ASTM C 187) Normal Consistency, % 24.7 (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 1 Day 3 Day 7 Day 4173	375 Max	375 Max
(ASTM C 151) Autoclave Expansion, % (ASTM C 151) Autoclave Expansion, % (ASTM C 187) Normal Consistency, % 24.7 (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 1 Day 3 Day 7 Day 4173	50 Min	50 Min
(ASTM C 187) Normal Consistency, % 24.7 (ASTM C 109) Compressive Strength, psi (MPa) 1 Day 1747 3 Day 3179 7 Day 4173	12 Max	12 Max
(ASTM C 109) Compressive Strength, psi (MPa) 1 Day 1747 3 Day 3179 7 Day 4173	0.80 Max	0.80 Max
1 Day 1747 3 Day 3179 7 Day 4173		
3 Day 3179 7 Day 4173		
7 Day 4173		****
1 Long	1500 (10.3) Min	1160 (8.0) M
29 Day (provious month) 6638	2500 (17.2) Min	2180 (15.0) N
20 Day (previous monus)		3050 (21.0) M

" Adjusted per ASTM C-150-09 Section A1.6

Caltrans Section 90-2.01 - Type II-V Modified

ASTM C 1157 Portland Cement Type HS

AASHTO Practice R18 accredited laboratory

Applicable ASTM C 150 Notes:

Alan Sabawi, Quality Control Manager

Note B: There are cases where the optimum SO3 (using Test Method C563) for a particular cement is close to or in excess of the limit in this specification. In such cases where properties of a cement can be improved by exceeding the SO3 limit stated in this table it is permissible to exceed the values in the table, provided it has been demonstrated by Test Method C1038 that the cement with the increased SO3 will not develop expansion in water exceeding 0.020% at 14 days. When the manufacturer supplies cement under this provision, he shall, upon request, supply supporting data to the purchaser.

Note C: Limestone addition as per C 150-09 Item 5.1.3