

NOTICE INVITING SEALED BIDS



NOTICE IS HEREBY GIVEN

Sealed proposals for the work entitled: **Beach Boulevard Median Concrete Painting** in the City of Stanton will be received at the Office of the City Clerk of the City of Stanton, 7800 Katella Avenue, Stanton, CA 90680-3162 until **10:00AM on Monday, November 7, 2016** at which time they will be publicly opened and read.

All bid proposals shall be made on the proposal forms furnished by the City and placed in a sealed package marked outside with the title of the project and "SEALED BID FOR THE CITY OF STANTON" - DO NOT OPEN WITH REGULAR MAIL" and addressed to the City Clerk at the above address in a sealed envelope.

All bid proposals must comply with the requirements contained in this Notice and in the specifications and other contract documents. All bids in apparent compliance with such requirements shall be opened and publicly read aloud at the above-stated time at the place of bid receipt identified above.

The Contractor shall furnish all necessary materials, labor, equipment and other incidental and appurtenant work necessary for the proper construction of this project, including but not limited to the removal of the existing rubberized cap and placement of 1.5 inches of cushion cap surfacing over existing PIP surfacing. All work shall be completed within **30 working days** following the date

specified in the written notice to proceed from the City.

Contractor shall comply with the requirements of SB 854. SB 854 requires all contractors and subcontractors bidding on public works projects to register with the Department of Industrial Relations and to pay an annual fee. The registration requires contractors to provide the State with evidence of the contractors' compliance with a number of statutory requirements.

At the time of the award of the contract, the successful bidder shall possess a valid contractor's license, and shall comply with any applicable City requirements concerning contractor qualifications. Submission of a bid by a bidder without a license subjects the bidder to civil penalties pursuant to Business & Professions Code section § 7028.15. The bidder must possess a Class-A Contractor License in the State of California. No contract will be awarded to any bidder who is not a properly licensed California contractor as required by the California Business and Professions Code.

As provided for in section 22300 of the Public Contracts Code, the Contractor may substitute securities for any monies withheld by the City to ensure performance under the Contract.

The Contractor shall not begin work under the Agreement until it has given the City evidence of comprehensive public liability insurance and Workers' Compensation Insurance coverage together with additional Insured Endorsements. The successful Contractor shall also furnish 2 bonds

required by the State Contract Act. Each of the said bonds shall be executed in a sum equal to the contract price. One of the said bonds shall guarantee the faithful performance of the said contract by the Contractor, and the other said bond shall secure the payment of claims for labor and material.

The City reserves the right to reject any or all bids or any parts thereof, and to waive any irregularities or informalities in any bid or in the bidding, and to make awards in all or part in the best interests of the City.

PREVAILING WAGE REQUIREMENTS: In accordance with the provisions of Section 1770, et seq., of the Labor Code, the Director of the Industrial Relations of the State of California has determined the general prevailing rate of wages applicable to the work to be done. The Contractor and subcontractor will be required to pay to all persons employed on the project by the Contractor sums not less than the sums set forth in the documents entitled "General Prevailing Wage Determination made by the Director of Industrial Relations pursuant to California Labor Code, Part 7, Chapter 1, Article 2, Sections 1770, 1773, 1773.1."

WITHDRAWAL OF BID: No bidder may withdraw his bid for a period of 60 days after the date set for the opening of bids.

CITY OF STANTON

Director of Public Works, Date

BID SHEET
Beach Boulevard Median Concrete Painting

BIDDERS NAME:

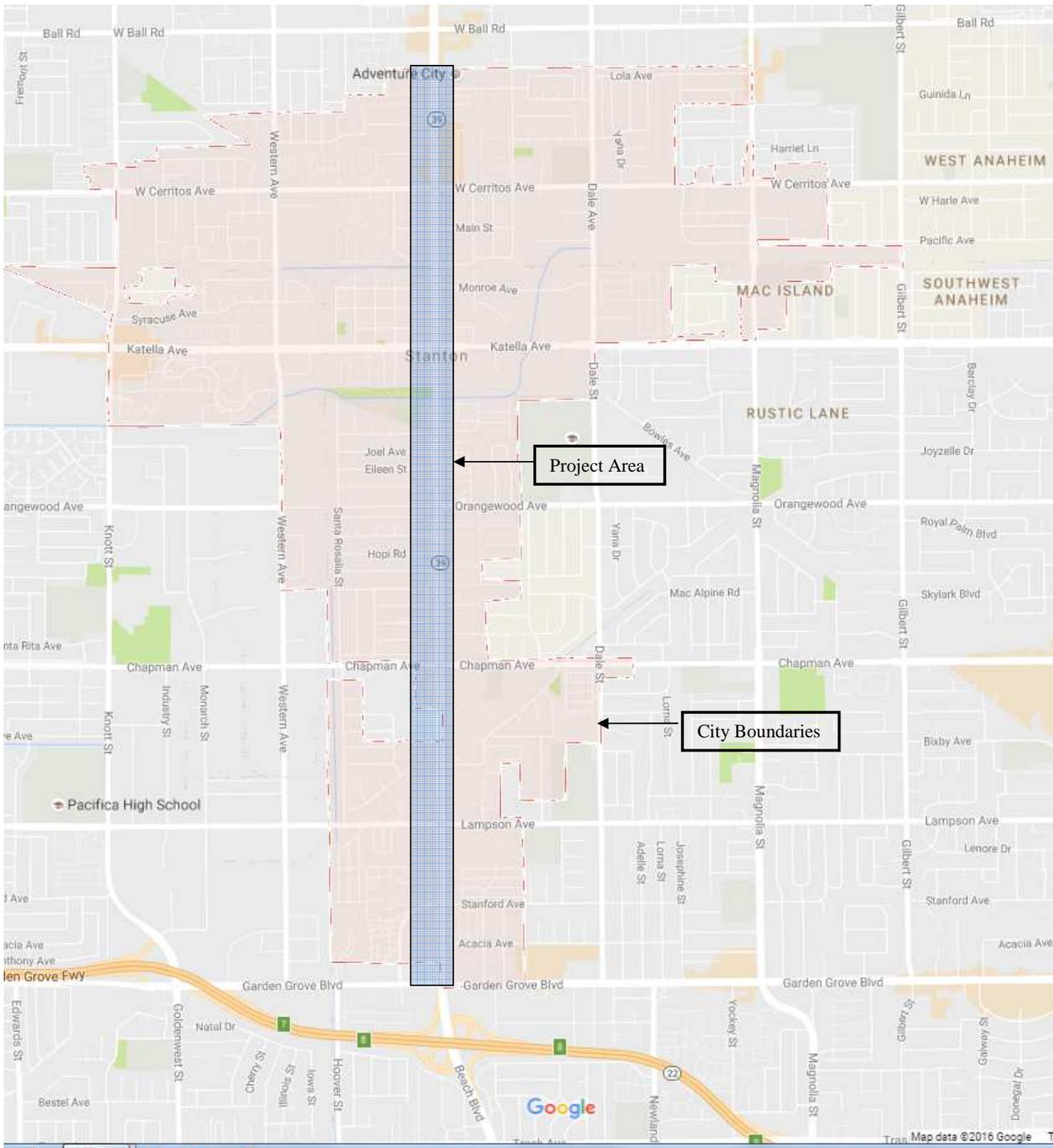
PRINT or Type

#	DESCRIPTION	ESTIMATED QUANTITY	UNIT QTY	UNIT PRICE (Numbers)	ITEM COST (Numbers)
1	Mobilization (Not to exceed 5% of Bid Total)	1	LS		
2	Traffic Control	1	LS		
3	Painting (includes materials, equipment, manpower, cleaning, & disposal)	60,000	SF		

Total Base Bid in NUMBERS:	\$
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Total Base Bid in WORDS:	Dollars
	and
	Cents

EXHIBIT A – BEACH BOULEVARD SR-39



**CITY OF STANTON
PUBLIC WORKS DEPARTMENT**

SPECIAL PROVISIONS

INTRODUCTION

All work necessary for the completion of this contract shall be done in accordance with (1) these Special Provisions; (2) Standard Specifications for Public Works Construction (Latest Edition); (3) County of Orange RDMD Standard Plans (Latest Edition); (4) and the Standard Plans for Public Works Construction (APWA) (Latest Edition). Copies of the Standard Specifications may be purchased from Building News, Inc., 1612 South Clementine Street, Anaheim, CA 92802, 714-517-0970.

The following Special Provisions supplement or modify the Standard Specifications for Public Works Construction as referenced and stated hereinafter:

PART 1 - GENERAL PROVISIONS

SECTION 2---SCOPE AND CONTROL OF THE WORK

2-5 PLANS AND SPECIFICATIONS.

2-5.3 Submittals.

2-5.3.1 General. Add to this section: "The Contractor shall provide Shop Drawings as may be necessary for the prosecution of the Work as required by the Contract Documents. The Engineer shall promptly review all Shop Drawings. The Engineer's approval of any Shop Drawings shall not release the Contractor from responsibility for deviations from the Contract Documents. The approval of any Shop Drawing which substantially deviates from the requirement of the Contract Documents will be evidenced by a Change Order.

When submitted for the Engineer's review, Shop Drawings shall bear the Contractor's certification that he has reviewed, checked, and approved the Shop Drawings and that they are in conformance with the requirements of the Contract Documents. The following Contractors certification shall appear on all submittals:

"It is hereby certified that the (equipment, material) shown and marked in this submittal is that proposed to be incorporated into this project, is in compliance with the contract documents, can be installed in the allocated spaces, and is submitted for approval".

Certified By:

Date _____, 20__ _____

“Contractor”

Portions of the Work requiring a Shop Drawing or sample submission shall not begin until the Shop Drawing or submission has been approved by the Engineer. A copy of each approved Shop Drawing and each approved sample shall be kept in good order by the Contractor at the site and shall be available to the Engineer.

The following procedures will apply to Shop Drawing submittals:

- a. The Contractor shall submit to the Engineer for approval, six (6) copies of all shop drawings. These drawings shall be complete, certified by the Contractor, and shall contain all required information in detail. The Contractor shall make any corrections to Shop Drawings required by the Engineer.
- b. When approved by the Engineer each copy of the drawings will be stamped approved, signed, and dated by the Engineer.
- c. Two (2) sets of said approved drawings will be returned to the Contractor within two weeks from the date the Shop Drawings are received by the City.
- d. The approval of the drawings shall not be construed as a complete check, but will indicate only that the general method of construction and detailing is satisfactory.
- e. Upon the Contractor's receipt of approved shop drawings, he/she shall furnish to the Engineer instruction and maintenance manuals and parts lists of all major equipment furnished. Data in these manuals shall cover completely all items as specified and as supplied.

SECTION 3---CHANGES IN WORK

3-3 EXTRA WORK.

3-3.2 Payment.

3-3.2.3 Markup. Replace this section with:

“(a) Work by Contractor. The following percentages shall be added to the Contractor's costs and shall constitute the markup for all overhead and profits:

1) Labor	20
2) Materials	15
3) Equipment Rental	15
4) Other Items and Expenditures	15

To the sum of the costs and markups provided for in this subsection, 1 percent shall be added for compensation for bonding.

(b) Work by Subcontractor. When all or any part of the extra work is performed by a Subcontractor, the markup established in 3-3.2.3(a) shall be applied to the Subcontractor's actual cost of such work. A markup of 10 percent on the first \$5,000 of the subcontracted

portion of the extra work and a markup of 5 percent on work added in excess of \$5,000 of the subcontracted portion of the extra work may be added by the Contractor.

SECTION 4---CONTROL OF MATERIALS

4-1 MATERIALS AND WORKMANSHIP.

4-1.3 Inspection Requirements.

4-1.3.4 Inspection and Testing. All material and articles furnished by the Contractor shall be subject to rigid inspection, and no material or article shall be used in the work until it has been inspected and accepted by the Engineer. The Contractor shall furnish the Engineer full information as to the progress of the work in its various parts and shall give the Engineer timely (48-hours minimum) notice of the Contractor's readiness for inspection. Submittals are required for all construction material.

The Contractor will be required to provide material testing results for all products used in the project.

The Engineer may at his discretion select an additional independent testing laboratory and pay for all testing as specified in the various sections of the Standard Specifications for Public Works Construction (Latest Edition) and these Special Provisions. When, in the opinion of the Engineer, additional tests and retesting due to failed tests or inspections are required because of unsatisfactory results in the manner in which the Contractor executed the work, such tests and inspections shall be paid for by the Contractor.

SECTION 5---UTILITIES

5-2 PROTECTION. Add the following: "In the event that an existing pull or meter box or cover is damaged by the Work and is not re-useable, the Contractor shall provide and install a new pull or meter box or cover of identical type and size at no additional cost to the City."

SECTION 6---PROSECUTION, PROGRESS, AND ACCEPTANCE OF THE WORK

6-1 CONSTRUCTION SCHEDULE AND COMMENCEMENT OF WORK. Add to this section: "The time of completion, as specified in Section 6-7, shall commence on the date of the 'Notice to Proceed.'

No work shall begin until a "Notice to Proceed" has been issued, a pre-construction meeting has been conducted, and a schedule of work has been approved by the Engineer. The Contractor shall submit a construction schedule to the Engineer for approval a minimum of five working days prior to commencing any work. Schedule may be bar chart or CPM style.

The Engineer will review the schedule and may require the Contractor to modify the schedule to conform to the requirements of the Contract Documents. If work falls behind the approved schedule, the Contractor shall be prohibited from starting additional work until Contractor has exerted extra effort to meet the original schedule and has demonstrated that the ability to maintain the approved schedule in the future. Such stoppages of work shall in no way relieve the Contractor from the overall time of completion requirement, nor shall it be construed as the basis for payment of extra work because additional personnel and equipment were required on the job."

6-7 TIME OF COMPLETION.

6-7.1 General. Add to this section: **“The Contractor shall complete all work under the Contract within twenty (20) consecutive working days after the date on the Notice to Proceed.**

The Contractor shall ensure the availability of all material prior to the start of work. Unavailability of material will not be sufficient reason to grant the Contractor an extension of time for 100 percent completion of work.”

6-7.2 Working Days. Revise to read: “Work shall be prohibited any time on Saturday, Sunday or any City holiday, defined as January 1st, the third Monday in January (Martin Luther King Day), the third Monday in February (President's Day), the last Monday in May (Memorial Day), July 4th, the first Monday in September (Labor Day), November 11th (Veterans Day), the fourth Thursday and Friday in November (Thanksgiving and Friday after), December 24th through December 31st. Deviation from these hours will not be permitted without the prior consent of the Engineer, except in emergencies involving immediate hazard to persons or property.

In the event of either a requested or emergency deviation, inspection service fees will be charged against the Contractor. The service fees will be calculated at overtime rates including benefits, overhead, and travel time. The service fees will be deducted from any amounts due the Contractor.

Construction activities during Agency Special Events may be restricted by Agency to exclude all or part of the work on primary arterial or access roads to the Special Events as determined by Engineer. The Contractor shall be responsible to ascertain the exact times of any such events within his proposed construction schedule, which may restrict his operation and shall adjust his schedule accordingly. The construction restrictions shall only be for the actual days the events occur. All costs for maintaining traffic control, protection of work site and re-mobilization shall be deemed as included in the lump sum contract for clearing and grubbing shown on the bid sheet and no additional compensation will be allowed.”

6-7.4 Working Hours. Working hours are limited to 9 a.m. to 3:30 p.m., Monday through Friday along Beach Boulevard due to high traffic volumes during the morning and evening commutes.

The Contractor, subcontractors, suppliers, etc., shall not generate any noise at the work site, storage sites, staging areas, etc., before or after the normal working hours prescribed above.

Should the Contractor elect to work outside normal working hours, Contractor must first obtain special permission from the Engineer. The request may be for 3:30 p.m. to 6:30 p.m. on weekdays or 8:00 a.m. to 6:00 p.m. on Saturday only. A request for working during any of these hours must be made at least 72 hours in advance of the desired time period. A separate request must be made for each work shift. The Engineer reserves the right to deny any or all such requests. Additionally, the Contractor shall pay for supplemental inspection costs of **\$110.00** per hour when such time periods are approved.

6-9 LIQUIDATED DAMAGES. Revise sentence three to read: “For each consecutive calendar day after the time specified in Section 6-7-1 for completion of the work, the Contractor shall pay to the City, or have withheld from moneys due, the daily sum of **\$1,000.**”

Revise paragraph two, sentence one, to read: “Execution of the Contract shall constitute agreement by the Agency and Contractor that \$1,000 per day is the minimum value of the costs and actual damage caused by the failure of the Contractor to complete the Work within the allotted time.

The intent of this section is to emphasize to the Contractor the importance of prosecuting the work in an orderly preplanned continuous sequence so as to minimize inconvenience to residences, businesses, vehicular and pedestrian traffic, and the public as a result of construction operations.”

SECTION 7---RESPONSIBILITIES OF THE CONTRACTOR

7-1 THE CONTRACTOR’S EQUIPMENT AND FACILITIES.

7-1.1 General. Add to this section: “A noise level limit of 86 dbA at a distance of fifty feet shall apply to all construction equipment on or related to the job, whether owned by the Contractor or not. The use of excessively loud warning signals shall be avoided except in those cases required for the protection of personnel.”

7-8 WORK SITE MAINTENANCE.

7-8.4 Storage of Equipment and Materials.

7-8.4.2 Storage in Public Streets. Delete the first paragraph and add the following: “Construction materials and equipment may only be stored in streets, roads, or sidewalk areas if approved by the Engineer. **It is the Contractor’s responsibility to obtain an area for the storage of equipment and materials.** The Contractor shall obtain the Engineer’s approval of a site for storage of equipment and materials prior to arranging for or delivering equipment and materials to the site. Prior to move-in, the Contractor shall take photos of the laydown area. The Contractor shall restore the laydown area to its pre-construction condition. The Engineer may require new base and pavement if the pavement condition has been compromised during construction.”

7-8.6 Water Pollution Control. Add to this section, “Surface runoff water, including all water used during sawcutting operations, containing mud, silt or other deleterious material due to the construction of this project shall be treated by filtration or retention in settling basin(s) sufficient to prevent such material from migrating into any catch basin. The Contractor shall also comply with the *Construction Runoff Guidance Manual.*”

The Contractor shall adhere to best management practices for containing any wastewater or storm water runoff from exiting the project site. The City of Stanton will monitor the project site, adjacent storm drains, and streets for compliance.

Waste Discharge Requirements for Discharge of Storm Water Associated with Construction Activities:

The Contractor is required to adhere to the provisions of the Federal Clean Water Act as regulated by the U.S. Environmental Protection Agency in Code 40, Code of Federal Regulations (CFR) Parts 122, 123, 124, the Porter-Cologne Act (California Water Code), the Waste Discharge Requirements for Municipal Storm Water Discharges within the County of Orange and the National Pollution Discharge Elimination System (NPDES). Copies of the suitable Best Management Practices (BMPs) from the California Stormwater Quality Association (CASQA), Stormwater Best Management Practice Handbook for Construction Activities are available for review at the offices of the AGENCY's City Engineer or can be found at www.cabmphandbooks.com. The following BMPs are included by reference.

Saw Cutting: Shovel or vacuum saw-cut slurry and remove from site. Downstream catch basins, storm drains, and sewer manholes are to be barricaded or covered to contain slurry during saw-cutting operations. Refer to BMP NS-3, Paving and Grinding Operations, and SE-10, Storm Drain Inlet Protection from the BMP Handbook.

Street Sweeping: The Contractor shall furnish and operate a self-loading motor sweeper with spray nozzles at least once each working day to the satisfaction of the project inspector to keep paved areas acceptably clean wherever construction, including restoration, is incomplete. Refer to BMP SE-7, Street Sweeping and Vacuuming in the BMP Handbook.

Spill Prevention: Care shall be taken to prevent any spills or leakage from entering the storm drain system. Refer to BMP WM-4, Spill Prevention in the BMP Handbook. Construction vehicles should be checked daily for leaking fluids.

Solid Waste/Stockpile Management: Throughout all phases of construction, including suspension of work, and until the final acceptance, the Contractor shall keep the site clean and free from rubbish and shall keep stockpiles of materials protected from storm water runoff. Refer to BMP WM-3, Stockpile Management and WM-5, Solid Waste Management in the BMP Handbook.

The cost for conforming to the provisions of the Federal Clean Water Act as specified in this general provisions shall be provided as part of the mobilization bid item. NO additional compensation will be allowed.

7-8.7 Temporary Light, Power and Water. Add to this section: "If the Contractor elects to use City water, he shall arrange for a meter with the Golden State Water Company."

7-10 PUBLIC CONVENIENCE AND SAFETY.

7-10.1 Access.

7-10.1.1 General. [Add the following paragraph]:

"The Contractor shall provide traffic control and access in accordance with Section 7-10 of the Standard Specifications and the Work Area Traffic Control Handbook (W.A.T.C.H.), also published by Building News, Inc.

Pedestrian access to all storefronts, offices, residences, etc., within the limits of work must be maintained at all times. The Contractor shall cooperate with the Engineer to provide advance notice to any and all establishments whose access will be impacted by construction operations, particularly sidewalk construction. The Contractor shall furnish and install signage, barricades, delineators, yellow safety ribbon, and any other measures deemed necessary by the Engineer to safely direct the public around areas of construction, and into (and out of) the affected establishments. Such measures shall be shown on the Detailed Traffic Control Plans (see Section 7-10.3).

When entering or leaving roadways carrying public traffic, the Contractor's equipment, whether empty or loaded, shall in all cases yield to public traffic.

The Contractor shall notify in writing all affected property owners of the proposed construction schedule a minimum of 48 hours, but not more than 72 hours, in advance of any limitation or closure of access to their property. Form of said notice shall be as approved by the Engineer and shall contain the date and time of the closure. In the event of delay, whether beyond the control of the Contractor or not, the Contractor shall notify all affected property owners as to the extent of the delay and his revised schedule. In the event of delay over 72 hours, the Contractor shall re-notify the property owners as described above. Payment for notification and coordination as per Section 7-10 as modified herein shall be included in the compensation paid for the various items of work and no additional compensation will be allowed. The "Notices" will be furnished by the Contractor.”

7-10.2.2 Traffic Control Plan (TCP).

7-10.2.2.1 General. [Add the following]:

It shall be the Contractor's responsibility to furnish a detailed detour signing and barricade plan for Agency approval. Detours shall be in accordance with the California Manual on Uniform Traffic Control Devices. The Contractor shall submit detailed drawings of any proposed detour(s) to the Engineer for approval prior to the commencement of work. All traffic control devices, flaggers, labor, and materials shall be included. The Contractor shall provide, at his expense, advanced warning signs advising the public of the impending major construction project and his proposed schedule. Said signs shall be posted at all major approaches to the construction zones a minimum of two weeks prior to the start of construction. **All traffic control plans must be prepared by a Registered Traffic Engineer.**

The Contractor shall be responsible for providing temporary access to all driveways at the end of each workday.

The Contractor shall provide and maintain all other signs, barricades, pedestals, flashers, delineators, and other necessary facilities for the protection of the public within the limits of the construction area. The Contractor shall also post proper signs to notify the public regarding detours and the condition of the roadway, all in accordance with the provisions of the Vehicle Code and the current State of California Department of Transportation Manual of Warning Signs, Lights, and Devices for Use in Performance of Work Upon Highways, and the State issued permit.

Portable delineators shall be placed as necessary for proper delineation of the travel way. The spacing between delineators shall not exceed 50 feet on tangents or 25 feet on curves except when used for lane closure.

When closure of half the roadway requires one-way traffic, the Contractor shall provide two (2) flaggers, equipped with working two (2) way radios, one (1) at each end of the work area, with signing and delineation as per W.A.T.C.H. manual or as required by the State issued encroachment Permit.

When used for lane closures, the fluorescent traffic cones or portable delineators shall be placed at intervals not to exceed the following:

Tapers	25 Feet
Edge of Closed Lane	
Tangents.....	50 Feet
Curves.....	25 Feet

If the traffic cones or portable delineators are damaged, displaced or not in an upright position, from any cause, said cones or portable delineators shall immediately be replaced or restored to their original location, in an upright position, by the Contractor.

The Contractor shall furnish competent flagmen as are necessary to give adequate warning to traffic or to the public of any dangerous conditions to be encountered. Flagmen, while on duty and assigned to give warnings to the public that the highway is under construction and of any dangerous conditions to be encountered as a result thereof, shall perform their duties and shall be provided with the necessary equipment in accordance with the current "Instructions to Flagmen," of the Department of Transportation. The equipment shall be furnished and kept clean and in good repair by the Contractor, at his expense.

Should the Contractor appear to be neglectful or negligent in furnishing warning and protective measures as provided, the Engineer may direct attention to the existence of a hazard and the necessary warning and protective measures shall be furnished and installed by the Contractor at his expense. Should the Engineer point out the inadequacy of warning and protective measures, such action on the part of the Engineer shall not relieve the Contractor from responsibility for public safety or abrogate his obligation to furnish and pay for these devices.

The Contractor shall also be required to post "Temporary No Parking" signs 48 hours prior to start of work. The notification to property owners mentioned in Section 7-10.1 and "Temporary No Parking" signs will be furnished by the Contractor.

Contractor shall notify the following entities at least forty-eight (48) hours in advance of any street closure or restriction to access.

1. Fire Department, (714) 573-6000
2. Police Department, (714) 889-7866
3. Schools, (714) 663-6000
4. Bus Organizations, (714) 560-6282
5. Trash Collectors, (800) 826-9677
6. Street Sweeper, (800) 222-5637

Full compensation for conforming to this article shall be considered as included in the lump sum per bid for traffic control and no additional compensation will be allowed therefore.

All existing stop signs, street name signs, and regulatory signs shall be maintained in visible locations during construction and permanently relocated or removed as directed by the plans and the Engineer. Signs, which need not be maintained during construction or permanently relocated, shall be salvaged to the Agency.

The Contractor shall submit to the Engineer - at least five working days prior to the pre-construction meeting - a traffic control plan and/or detour plans. The Contractor shall be responsible for processing and obtaining approval of a traffic control plans from the City Engineer. Traffic control plans shall conform to the provisions of the WORK AREA TRAFFIC CONTROL HANDBOOK (W.A.T.C.H), Latest Edition. Traffic control and detour plans shall meet the following requirements:

1. Emergency vehicle access shall be maintained at all times.
2. The locations and wordings of all barricades, signs, delineators, lights, warning devices, parking restrictions, and any other required details shall ensure that all pedestrian and vehicular traffic will be handled in a safe manner with a minimum of inconvenience to the public.
3. All advanced warning sign installations shall be reflectorized and/or lighted.
4. The Contractor shall accommodate the City's trash collection. If the Contractor elects to work on a street during its trash collection day, it shall be the Contractor's responsibility to make alternative trash collection arrangements."

7-10.4 Safety.

7-10.4.2 Safety Orders.

7-10.4.2.1 General. Add to this section: "The Contractor shall be solely and completely responsible for conditions of the job-site, including safety of all persons and property during performance of the work, and the Contractor shall fully comply with all State, Federal and other laws, rules, regulations, and orders relating to the safety of the public and workers.

The right of the Engineer or the City's Representative to conduct construction review or observation of the Contractor's performance shall not include review or observation of the adequacy of the Contractor's safety measures in, on, or near the construction site."

7-10.7 Notices to Residents. Ten working days prior to starting work, the Contractor shall deliver a construction notice to residents within 500 feet of the project, describing the project and indicating the limits of construction. The City will provide this notice.

Forty-eight hours prior to the start of construction, the Contractor shall distribute to the residents a second written notice prepared by the Contractor clearly indicating specific dates in the space provided on the notice when construction operations will start for each block or street, what disruptions may occur, and approximately when construction will be complete. An interruption of work at any location in excess of 14 calendar days shall require re-notification. The Contractor

shall insert the applicable dates and times at the time the notices are distributed. This notice shall also include specific dates and times water and sewage will be interrupted during the project.

The written notices shall be photocopied and distributed by the Contractor. Errors in distribution, false starts, acts of God, strikes or other alterations of the schedule will require Contractor re-notification using an explanatory letter furnished by the City.

7-15 CONTRACTOR'S LICENSES. At the time of the award and until completion of work, the General Contractor shall possess either an "A" or "C" Contractor's License in the State of California. At the start of work and until completion of work, the Contractor and all Sub-contractors shall possess a Business License issued by the City of Stanton.

SECTION 9---MEASUREMENT AND PAYMENT

9-3 PAYMENT.

9-3.1 General. Revise paragraph two to read: "The unit and lump sum prices bid for each item of work shown on the proposal shall include full compensation for furnishing the labor, materials, tools, and equipment and doing all the work, including restoring all existing improvements, to complete the item of work in place and no other compensation will be allowed thereafter. Payment for incidental items of work not separately listed shall be included in the prices shown for the other related items of work. **The contractor is required to protect in place all existing facilities throughout the project area. Any damage to existing public and private infrastructure will be restored to the pre-existing condition at no additional cost to the City.**

9-3.2 Partial and Final Payment. Add to this section: "Partial payments for mobilization and traffic control shall be made in accordance with Section 10264 of the California Public Contract Code."

In addition to the items of work listed on the bid proposal, partial and final payment for the project will not be released until all the following requirements are met:

- Completion of the City's Recycling Form (Appendix A).

- All material and diversion tickets applicable to the project must be submitted to the City.

- All certified payroll reports from the prime contractor and all subcontractors listed on the bid proposal must be submitted to the City.

- Proof of possession of a valid City business license from the prime and all subcontractors working on the project.

- As-built drawings documenting any work that was performed in the project area that deviates from the plans and specifications must be submitted to the City.

- Any further documentation as needed by the City to close out the project.

The selected contractor must submit separate Certified Payroll Reporting forms for themselves and all subcontractors for each additive alternate awarded in addition to the Base Bid.

PART 2 – CONSTRUCTION MATERIAL & METHODS

SECTION 1--- PAINT SPECIFICATIONS AND MATERIAL

1.01 General

1.01A Summary

This work shall consist of painting existing concrete in conformance with the provisions of the various sections of these specifications.

1.01B Traffic Control

Contractor shall provide traffic control and access in accordance with latest edition of the CAMUTCD and with approval of Caltrans.

1.01C Quality Control and Assurance

Measure coating dry film thickness with a calibrated Type 2 magnetic film thickness gage under SSPC-PA 2 except there is no limit to the number or location of spot measurements that may be requested by the City Engineer to verify coating thickness.

Measure coating adhesion strength with a self-aligning adhesion tester under ASTM D4541.

Measure levels of soluble salts on surfaces using a retrieval method specified in SSPC-Guide 15.

1.02 Material

1.02A General

All surfaces to be painted shall be pressure washed. Water for rinsing and pressure washing must be fresh potable water with a chloride content of not more than 75 ppm and a sulfate content of not more than 200 ppm. Continuous recycling of rinse water is not allowed. The contractor may collect rinse water in a tank for reuse if test samples meet specified requirements and no water is added to the tank after sampling.

Sealing compound must be a polysulfide or polyurethane type complying with ASTM C 920, Type S, Grade NS, Class 25, Use M.

Paints to be applied to concrete surfaces shall be Acrylic Emulsion and must comply with Caltrans Standard Specifications 2015, Section 91-4.02B.

All paints shall be identical or extremely similar to the paint on the median island on Katella north of Stanton City Hall, which is similar to terracotta.

1.02B Coatings

Coatings must comply with Caltrans Standard Specifications 2015, Section 91 - Paint.

Coatings selected for use must comply with the volatile organic compound limits specified for the air quality district where the project is located.

1.03 Construction

1.03A General

Notify the City Engineer 5 business days before starting work.

Provide protective devices to prevent damage to the work, property, or persons.

1.03B Weather Conditions

Apply paint only to thoroughly dry surfaces during periods of favorable weather.

Moisture testing of concrete shall be performed using methods ASTM D463, ASTM F1869, or ASTM F2170.

Manufacturer's data on air and surface temperature limits and relative humidity should be adhered to during the application and through the cure of coatings.

Repair or replace uncured paint damaged by weather.

1.03C Cleaning

1.03C(1) General

Prepare and clean surfaces before painting.

The surface to be coated should be examined for defects such as fins, protrusions, bulges, and mortar spatter. These defects should be corrected by grinding or scraping. Repair of surface defects includes patching voids and cracks that will cause discontinuities or unsightly appearance in the coating, and using a patching compound that is compatible with the coating system.

1.03C(2) Pressure Washing

Prior to painting concrete surfaces, laitance, and curing compounds shall be removed from the surface by pressure washing as approved by the City Engineer.

Pressure washing includes high or ultrahigh pressure water jetting to provide a clean, sound substrate with a uniform anchor profile.

High-Pressure Water Jetting Cleaning is performed at pressures from 70 to 170 Mpa (10,000 to 25,000 psi). Ultrahigh-Pressure Water Jetting Cleaning is performed at pressures above 170 Mpa (25,000 psi). Use a maximum fan tip angle of 45 degrees.

Concrete surfaces shall be thoroughly dry and free of dust at the time the paint is to be applied. Any artificial drying procedures and methods shall be subject to approval by the City Engineer.

1.03D Painting

Prime or treat pressure washed surfaces the same day pressure wash is performed unless otherwise authorized.

Apply 1 coat under the manufacturer's instructions and SSPC-PA 7.

Each spray pot must have an authorized water trap installed.

Thinning of paint is not allowed unless authorized.

Before applying, mix paint using mechanical mixers to thoroughly blend pigment and vehicle together.

Apply paint to clean dry surfaces in a neat and workmanlike manner. Apply by brush, spray, or roller in any combination. Gun extensions are not allowed. Aerosol cans are not allowed.

Brushes must have sufficient bristle body and length to spread paint in a uniform film. Paint must be evenly spread and thoroughly brushed out.

Rollers must not leave a stippled texture in the paint film.

Apply paint to areas not accessible to regular means using daubers, bottle brushes, or other authorized methods.

Thoroughly cure each application of paint and correct skips, holidays, thin areas, or other deficiencies before the next application. Painted surfaces being covered must be free from moisture and deleterious material that would prevent bonding of succeeding coats. In spot painting, remove old paint that lifts after the first paint application by scraping and repaint the area before the next application.

Pressure rinse painted surfaces before applying additional paint if 7 days or more elapse between paint applications.

The City Engineer may require the contractor to reapply paint to areas with runs, sags, thin and excessively thick areas in the paint film, skips, holidays, or areas of nonuniform appearance.

Repair painted surfaces damaged during work activities with materials and to a condition equal to that of the specified coating.

Remove paint or paint stains on surfaces not designated to be painted.

Thoroughly clean painted surfaces after completing painting activities and other work that would deposit foreign material on the painted surfaces.

1.04 Payment

The contract price will be based on the unit price per square foot for PREPARE AND PAINT CONCRETE and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for completion of all work as shown on the plans, as specified in these specifications and as directed by the City Engineer.