ATTACHMENT A
SOLE SOURCE FACILITY JUSTIFICATION TRANSMITTAL

Public Contract Code section 3400 provides, in pertinent part, that:

"(a) The Legislature finds and declares that it is the intent of this section to encourage contractors and manufacturers to develop and implement new and ingenious materials, products, and services that function as well, in all essential respects, as materials, products, and services that are required by a contract, but at a lower cost to taxpayers.

(b) No agency of the state, nor any political subdivision, municipal corporation, or district, nor any public officer or person charged with the letting of contracts for the construction, alteration, or repair of public works, shall draft or cause to be drafted specifications for bids, in connection with the construction, alteration, or repair of public works, (1) in a manner that limits the bidding, directly or indirectly, to any one specific concern, or (2) calling for a designated material, product, thing, or service by specific brand or trade name unless the specification is followed by the words "or equal" so that bidders may furnish any equal material, product, thing, or service. In applying this section, the specifying agency shall, if aware of an equal product manufactured in this state, name that product in the specification. Specifications shall provide a period of time prior to or after, or prior to and after, the award of the contract for submission of data substantiating a request for a substitution of "an equal" item. If no time period is specified, data may be submitted any time within 35 days after the award of the contract.

(c) Subdivision (b) is not applicable if the awarding authority, or its designee, makes a finding that is described in the invitation for bids or request for proposals that a particular material, product, thing, or service is designated by specific brand or trade name for any of the following purposes:

(2) In order to match other products in use on a particular public improvement either completed or in the course of completion."

Carson Valve Manifold Boxes (Round & Rectangular)

This is a sole source procurement because:

- ☐ This is a sole provider of items compatible with existing equipment or systems.
- ☐ This is a sole provider of items compatible with existing equipment or systems.
- ☐ This is a sole provider of factory-authorized warranty service.
- ☑ This is a sole provider of goods or services that perform a unique function in order to meet the specialized needs of the District. Please provide specific detail below.

  The District has standardize on the Carson Valve Manifold both Rectangular and Round Boxes for use with all three campus irrigation systems.

This is a restricted brand or trade name, and no substitutions are allowed because:

- ☑ The requested product is an integral repair part or accessory compatible with existing landscaping equipment.

Equipment/System:	Carson
Manufacturer/Model Number:	Spec Grade 1419, 1730, 910, 2200

☑ The District has standardized on the requested product, and use of another brand/model would require considerable time and funding to evaluate or implement. Please provide details below:

The District has standardize on the Carson Valve Manifold Boxes after numerous trailers of various brands. Carson lid and box construction eliminates deformation when installed, allowing the lid to be placed and removed easily.

Supplier or Contractor Information:

Carson Corporate Office
1002 15th Street SW
Auburn, WA 98001

RECOMMENDATION

Sufficient evidence has been provided upon which the Board can find that the exception found in Public Contract Code section 3400 (c) (2) applies to the identified product(s). Approve a finding to authorize use of the above stated exception for Valve Manifold Boxes both rectangular and round in the MiraCosta Design Standards Manual for all the projects in the MM program. Require that said finding be included in all pertinent bid/proposal documents for those projects where such product(s) will be used.

SIGNATURE:

Tom Macias, Facilities Director — **Date** 9/14/18

Geoff Bachanas, PMO Director — **Date** 9/17/18

steinberg hart

ATTACHMENT B
SOLE SOURCE ARCHITECT/ENGINEERING JUSTIFICATION SUMMARY REPORT TRANSMITTAL

September 1, 2018

Re: Carson Valve Manifold Boxes (Rectangular & Round)

Within the Design & Construction Standards MiraCosta CCD has identified or designed various proprietary systems or products that meet specific District performance requirements, allow for seamless integration into existing systems, provide ease of maintenance, and afford a lower total cost of ownership. In these instances, the District is requesting that these systems and products shall be provided without substitution. The following Specification Section 32 84 00 is one that meets these special requirements.

Our experience working with other Colleges and Universities shows that single sources for some materials, products, equipment, and systems is a common approach to achieving best value.

We have reviewed the facility justification transmittal for the above-referenced item and believe that the District's sole-sourcing of this specification section meets the requirements for District's benefit as described above.

Sincerely,

Joe Sion
Associate Principal/Senior Manager

523 W 6th Street #245
Los Angeles CA 90014

Specification Grade

910

COVER:

Style:	T Cover
Material:	HDPE
Model:	10" Dia.
Weight:	2 lbs
Std. Fasteners:	3/8" Hex Bolt
Options:	Logos and Special Markings
Surface:	Skid Resistant & Marked*
Performance:	Pedestrian, ASTM C857, WUC 3.6,

BODY:

Material:	HDPE
Model:	10" Dia.
Weight:	10" Depth: 3 lbs
	18" Depth: 5 lbs
Wall Type:	Flared
Mouseholes:	0 - 2
Performance:	Pedestrian, ASTM C857, WUC 3.6,

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Light Duty:
Pedestrian Only

For use in non-vehicular traffic situations only.

We do not recommend installation in concrete or asphalt.
Coefficient of Friction <0.5

Actual load rating is determined by the box and cover combination.
Weights and dimensions may vary slightly

*Cover comes standard with permanent markings for manufacturer, load rating, model size and manufacturing location.

Contact your Oldcastle Enclosure Solutions Distribution Center for specific information and additional options.

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Sole Source Item #21 - Carosn Valve Manifold Boxes

Specification Grade

910

Options:

Available Plastic Covers:
T Cover Solid (Standard)
Flush Solid

Available Plastic Cover Colors:
Black (Standard), Green, Grey, Tan, Purple

Add On Options for Plastic Covers:
Metal Locating Plate

Locking Options for Plastic Covers:
Bolt Down Feature

Available Body Colors:
Black (Standard), Green, Grey, Tan, Purple

T Cover Solid

Flush Solid

Bolt Down Detail

Raw Material Specifications:

Material Property	ASTM Test Method	Typical Value[1]
Type, Class, Category	D 1248	III, A, 3
Density, g/cm³	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in²	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150° min., not to exceed 200°
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
Molded Product		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

[1]The values listed for physical property measurements are nominal values only.
Certain physical property measurements are subject to variations consistant with the test methods and are within a generally accepted range for such values.

Product Load Rating:

Light Duty : Pedestrian Only

Note:

Actual load rating is determined by the box and cover combination. Weights and dimensions may vary slightly
All information contained on this sheet is current at the time of printing.
Oldcastle Precast, Inc. reserves the right to discontinue or update product information without notice.

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Sole Source Item #21 - Carosn Valve Manifold Boxes

Specification Grade

2200

COVER:

Style:	Flush
Material:	HDPE
Model:	12" Dia.
Weight:	3 lbs
Std. Fasteners:	3/8" Hex Bolt
Options:	Logos and Special Markings
Surface:	Skid Resistant & Marked*
Performance:	Pedestrian, ASTM C857, WUC 3.6,

BODY:

Material:	HDPE
Model:	12" Dia.
Weight:	15" Depth: 13 lbs
	18" Depth: 14 lbs
Wall Type:	Flared
Mouseholes:	2
Performance:	Pedestrian, ASTM C857, WUC 3.6,

EXTENSION:

Material:	HDPE
Weight:	3 lbs

44

Light Duty: Pedestrian Only

For use in non-vehicular traffic situations only.

We do not recommend installation in concrete or asphalt.
Coefficient of Friction <0.5

Actual load rating is determined by the box and cover combination.
Weights and dimensions may vary slightly

*Cover comes standard with permanent markings for manufacturer, load rating, model size and manufacturing location.

Contact your Oldcastle Enclosure Solutions Distribution Center for specific information and additional options.

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Sole Source Item #21 - Carosn Valve Manifold Boxes

Specification Grade

2200

Options:

Available Plastic Covers:
Flush Solid (Standard)

Available Plastic Cover Colors:
Black (Standard)

Add On Options for Plastic Covers:
AMR Friendly Solutions
Touch Read Hole

Locking Options for Plastic Covers:
Dallas Lock Feature

Available Cast Iron Covers:
Flush Solid

Available Body Colors:
Black (Standard)

Available Extension Colors:
Black (Standard)

Flush Solid Cover

Dallas Lock Detail

Raw Material Specifications:

Material Property	ASTM Test Method	Typical Value[1]
Type, Class, Category	D 1248	III, A, 3
Density, g/cm³	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in²	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150° min., not to exceed 200°
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
Molded Product		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

[1]The values listed for physical property measurements are nominal values only.
Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.

Product Load Rating:

Light Duty : Pedestrian Only

Note:

Actual load rating is determined by the box and cover combination. Weights and dimensions may vary slightly

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Specification Grade

1419

COVER:

Style:	Flush
Material:	HDPE
Model:	14" x 19"
Weight:	3 lbs
Std. Fasteners:	3/8" Hex Bolt
Options:	Logos and Special Markings
Surface:	Skid Resistant & Marked*
Performance:	Pedestrian, ASTM C857, WUC 3.6,

BODY:

Material:	HDPE
Model:	14" x 19"
Weight:	6" Depth: 5 lbs
	12" Depth: 7 lbs
	24" Depth: 15 lbs
Wall Type:	Flared
Mouseholes:	2
Performance:	Pedestrian, ASTM C857, WUC 3.6,

EXTENSION:

Material:	HDPE
Weight:	06: 5 lbs
	6x: 5 lbs

1419-06

1419-6x

46

Light Duty:
Pedestrian Only

For use in non-vehicular traffic situations only.

We do not recommend installation in concrete or asphalt.
Coefficient of Friction <0.5

Actual load rating is determined by the box and cover combination.
Weights and dimensions may vary slightly

*Cover comes standard with permanent markings for manufacturer, load rating, model size and manufacturing location.

Contact your Oldcastle Enclosure Solutions Distribution Center for specific information and additional options.

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Sole Source Item #21 - Carosn Valve Manifold Boxes

Specification Grade

1419

Options:

Available Plastic Covers:
Flush Solid (Standard)
Flush with Plastic Reader Door
Flush with Cast Iron Reader Door
T Cover Solid
T Cover with Plastic Reader Door
T Cover with Cast Iron Reader Door
Hinged Cover

Reader Door Detail

T Solid Cover

Available Plastic Cover Colors:
Black (Standard), Green, Grey, Tan, Purple

Add On Options for Plastic Covers:
AMR Friendly Solutions
Touch Read Hole

Locking Options for Plastic Covers:
Bolt Down Feature
Drop-N-Lock™

Available Body Colors:
Black (Standard), Green, Grey, Tan, Purple

Available Extension Colors:
Black (Standard), Green, Grey, Tan, Purple

Bolt Down Detail

Flush Solid Cover

Hinged Cover

Raw Material Specifications:

Material Property	ASTM Test Method	Typical Value[1]
Type, Class, Category	D 1248	III, A, 3
Density, g/cm³	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in²	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150° min., not to exceed 200°
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
Molded Product		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

[1]The values listed for physical property measurements are nominal values only.
Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.

Product Load Rating: Light Duty : Pedestrian Only

Note: Actual load rating is determined by the box and cover combination. Weights and dimensions may vary slightly

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Sole Source Item #21 - Carosn Valve Manifold Boxes

Specification Grade

1730

12" & 15" Body

A	B	C	D	E	F	G
12"	33-1/2"	20-5/8"	39-3/8"	26-1/2"	35-7/8"	23"
15"	33-1/2"	20-5/8"	40-1/4"	27-3/8"	36-5/8"	23-3/4"

18" Body

COVER:

Style:	Flush
Material:	HDPE
Model:	17" x 30"
Weight:	10 lbs
Std. Fasteners:	3/8" Hex Bolt
Options:	Logos and Special Markings
Surface:	Skid Resistant & Marked*
Performance:	Pedestrian, ASTM C857, WUC 3.6,

BODY:

Material:	HDPE
Model:	17" x 30"
Weight:	12" Depth: 19 lbs
	15" Depth: 24 lbs
	18" Depth: 26 lbs
Wall Type:	Flared
Performance:	Pedestrian, ASTM C857, WUC 3.6,

48

Light Duty: Pedestrian Only

For use in non-vehicular traffic situations only.

We do not recommend installation in concrete or asphalt.
Coefficient of Friction <0.5

Actual load rating is determined by the box and cover combination.
Weights and dimensions may vary slightly

*Cover comes standard with permanent markings for manufacturer, load rating, model size and manufacturing location.

Contact your Oldcastle Enclosure Solutions Distribution Center for specific information and additional options.

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Sole Source Item #21 - Carosn Valve Manifold Boxes

Specification Grade

1730

Options:

Available Plastic Covers:
Flush Solid (Standard)
Flush with Plastic Reader Door
Flush with Cast Iron Reader Door
T Cover Solid

Available Plastic Cover Colors:
Black (Standard), Green, Grey, Tan, Purple

Add On Options for Plastic Covers:
AMR Friendly Solutions
Touch Read Hole

Locking Options for Plastic Covers:
Bolt Down Feature
L Bolt Feature
Drop-N-Lock™

Available Body Colors:
Black (Standard), Green, Grey, Tan, Purple

Reader Door Detail

T Solid Cover

Bolt Down Detail

Flush Solid Cover

L Bolt Detail

Raw Material Specifications:

Material Property	ASTM Test Method	Typical Value[1]
Type, Class, Category	D 1248	III, A, 3
Density, g/cm³	D 1505	0.950 min., not to exceed 0.965
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Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in²	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
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Deflection Temperature, at 66 psi, °F	D 648	150° min., not to exceed 200°
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
Molded Product		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

[1]The values listed for physical property measurements are nominal values only.
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Product Load Rating: Light Duty : Pedestrian Only

Note: Actual load rating is determined by the box and cover combination. Weights and dimensions may vary slightly

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