## Request for Proposals 2017 Solar Screening Project

# Kingsburg Elementary Charter School District

**Notice to Bidders**
Notice is hereby given to interested bidders that the Kingsburg Elementary Charter School District will receive written, sealed bids until the hour of 3:00 PM, on May 3, 2017, at the Kingsburg Elementary School District Office at 1310 Stroud Avenue, Kingsburg, CA 93631. Bids will be opened at the Owner's discretion with results available 48 hours after the bid date by written request to the School District.

## Schedule of Events:

| Event | Date(s) |
|---|---|
| Release of RFP to vendors | April 12th, 2017 |
| Site Visit (Mandatory) | April 19th, 2017 |
| Deadline for Submission of Proposals | May 3rd, 2017 |

## Kingsburg Elementary Charter School District
## 2017 Solar Screening Project

The Kingsburg Elementary Charter School District wishes to screen and beautify the Solar Array located Between Rafer Johnson Junior High School and the District Office, including, but not limited to, chain link fencing, CMU block planter and cast-in-place concrete, irrigation and planting.

Kingsburg Elementary Charter School District is asking for detailed proposals to accomplish the task. Proposals should include a breakdown of each subcontractor trade for better evaluation.

All prospective bidders must complete a mandatory walkthrough on April 19th, 2017, beginning at 3:00 PM, at the Kingsburg Elementary Charter School District Office, in order to be eligible to submit a bid. Proposals from bidders who do not complete the walkthrough WILL NOT be considered.

Bids will be due before 3:00 PM on May 3rd, 2017. For more information, contact Christian Hill, Project Coordinator, via phone: (559) 554-2804 or by e-mail: chill@trinity-system.com.

## General

Provide materials as specified herein.

The specifications herein are provided to convey the intent of the project and do not indicate every material necessary for the complete project that the proposing bidder shall provide.

Prices quoted shall be all-inclusive including all applicable taxes, shipping costs, installation of materials, minor re-routing of existing irrigation lines and trash removal to represent a complete installation.

Prices quoted in the bidder's response will remain in effect for a minimum period of 30 days from the time of bid date.

Omissions in the proposal of any provision herein described shall not be construed as to relieve the bidder of any responsibility or obligation to the complete and satisfactory delivery, operation and support of any services.

Should the bidder have questions or find discrepancies in, or omissions from this RFP, or shall be in doubt to its meaning, the bidder shall at once notify Trinity System Group, Inc. All questions should be addressed to Christian Hill as outlined below. The preferred mode of contact is via email.

Christian Hill, Project Coordinator
Trinity System Group, Inc.
chill@trinity-system.com
(559) 554-2804

Questions must be submitted to the email address: chill@trinity-system.com. If a response is not received within 24 hours, it is the responsibility of the respondent to call Christian Hill at the provided phone number, to confirm receipt of the message. All questions and responses will be posted within 24 hours on the Architect's website at http://www.trinity-system.com/KES/RFP/Solarscreen.html. It is the sole responsibility of the respondent to visit this page prior to bid submission to ensure they have the latest information.

## BID SUBMISSION INSTRUCTIONS

Bids must be submitted in a sealed envelope clearly marked as follows:

"Kingsburg Elementary Charter School District 2017 Solar Screening Project"

Envelopes not so marked will remain sealed. The Kingsburg Elementary Charter School District Board of Trustees reserves the right to reject any and/or all bid and waive any informalities.

The first page showing in the bid submission packet must be Attachment A so the total bid price may be easily seen for the bid tabulation. Failure to comply may result in bid disqualification.

Bids must include the following:
Attachment 'A' Completed and Signed by the bidder.

(THIS PAGE MUST BE THE FIRST PAGE IN THE BID SUBMISSION DOCUMENTATION)

Attachment ‘B’ Completed.

“Kingsburg Elementary Charter School District 2017 Solar Screening Project” should be clearly marked on the face of the envelope as well as the opening date of May 3rd, 2017.

It is the sole responsibility of the respondents to ensure their responses arrive in a timely manner. The official time is as determined by and at the sole discretion of the District. Late arrivals will be rejected. The Kingsburg Elementary Charter School District is not responsible for delays of any commercial carrier or delays incurred by the respondents. Oral, telephone, telegraphic, FAX, or E-Mail bids will not be considered. Signatures on the proposals must be in longhand and executed by a principal duly authorized by the bidder to make a contract.

## Certification of Responsibility

A. Each bidder submitting a bid on public projects must show on his bid and on the face of the envelope containing the bid, his Contractors License Number, as required by the State of California. If the bid does not exceed the amount of $50,000 on public projects, a notation so stating must appear on the face of the envelope.

B. No bid will be opened, considered or accepted unless the above information is given as specified. Sufficient evidence that said License has been issued and is in effect at the time of receiving bids must be submitted when required by the Owner. Likewise, it shall be the responsibility of the Contractor to require a State Contractors License from any subcontractor where applicable.

## Evaluation Methodology

The Kingsburg Elementary Charter School District Board of Trustees will award a contract based on the lowest price of the Base Bid.

## Vendor Qualifications

The Kingsburg Elementary Charter School District may make such investigations as deemed necessary to determine the ability of the bidder or subcontractors or suppliers to perform the work, and the bidder shall furnish to the Kingsburg Elementary Charter School District all such information and data for this purpose as the Kingsburg Elementary School District may request. The Kingsburg Elementary Charter School District reserves the right to reject any bid if the evidence submitted by or investigation of such bidder fails to satisfy the Kingsburg Elementary Charter School District that such bidder is properly qualified to carry out the obligations of the contract and/or to complete the work contemplated therein

within the time required.

The bidder is specifically advised that any person, firm or other party to whom it proposes to award a subcontract or purchase order under this contract must be acceptable to the Kingsburg Elementary Charter School District.

The successful bidder must have or be certified with the following:

- Be able to supply all products and services.
- Be an authorized dealer in the State of California for all products.
- Have current liability insurance and workers compensation insurance.
- Surety bond upon award.
- Participate in a mandatory site walkthrough that will be held on April 19th, 2017. Any bid submitted by a bidder who does not complete the mandatory walkthrough will be returned unopened. There will be no exceptions.

## Disqualification of Bidder

The Kingsburg Elementary Charter School District reserves the right to award to other than the lowest bidder when, in the judgment of the District administration, it is in the best interest of the District to do so. A Bidder may be disqualified for such reasons as:

A. Bidder's failure to comply with requirements regarding Certification of Responsibility.

B. Bidder's failure to sign Bidder's Proposal Form or to otherwise properly complete the Proposal Form.

C. Bidder's failure to attend and complete the mandatory site walkthrough.

D. Bidder being in litigation with the Kingsburg Elementary Charter School District.

E. Bidder having defaulted on a previous contract.

F. Bidder having performed unsatisfactorily on a previous contract, including but not limited to the Bidder's failure to fulfill the warranty obligations of a previous contract with the Kingsburg Elementary Charter School District.

G. Bidder's failure to include documentation for required certifications and authorizations.

H. Bidder's failure to provide a minimum of three K-12 client references for projects of similar size and complexity.

*The above is not an inclusive list.*

## Summary of the Work

The work of this contract is comprised of the construction of a CMU block solar screen planter, cast-in-place concrete flatwork, mow strips and chain link fencing.

## General Requirements

- All work shown on plan or described in Specifications shall comply with all Federal, State, local law, ordinances, codes, safety orders which relate to the health and safety of the construction workers and the building occupants, and which have jurisdiction in the building locality.
- Provide self-contained, single-occupant toilet units of the chemical or aerated recirculation type, properly vented and fully enclosed with a glass fiber reinforced polyester shell or similar nonabsorbent material.
- Application for payment shall be submitted on AIA Payment Application Form, including signatures lines for the Inspector, Architect's Project Manager and the Owner.
    - Complete Application for Payment form, including notarization and execution by the Contractor.
    - Entries shall match the current updated schedule of Values and Construction Schedule.
    - Include Approved Change Orders issued prior to the last day of the construction period covered by the application.
    - Submit (4) executed copies of each Application for Payment to the Architect.
    - Administrative actions and submittals that must precede the submittal of the first Application for Payment include the following:
        - Schedule of Values
        - Contractor's Construction schedule (preliminary if not final)
        - Certificates of insurance and insurance policies.

## Temp Fencing & Protection during Construction

- Furnish, install and maintain suitable barriers as required to prevent public entry, and to protect the Work, existing facilities, remove when no longer needed, or at completion of Work.
- Seal work area in such a manner that the existing spaces will be protected from dust and debris created by the construction operation.
- Execute cleaning, during progress of the Work, and at completion of the Work.
- Execute periodic cleaning to keep the Work, the site and adjacent properties free from accumulations of waste materials, rubbish and windblown debris, resulting from construction operations.

## Selective Demolition

- Complete demolition and removal of all above grade structures of every description, except as may be specifically excluded, including:
  - Fences
  - Above or below grade utilities
  - Trees
  - Transportation and lawful disposal off-site
- Perform all demolition work in accordance with applicable provisions of ANSI A10.2, Safety Code for Building Construction, and the rules and regulations of the Division of Industrial Safety and other agencies and authorities having jurisdiction.
- Use all means necessary to control dust on and near the work if such dust is caused by the Contractor's operations during performance of the work or if resulting from the condition in which Contractor leaves the site.
- Use all means necessary to protect adjacent property, improvements, utilities, etc. which are to remain. Provide bracing and shoring as required.
- In the event of damage, make all repairs and replacements necessary and at no additional cost to the Owner.

## Earthwork

- All work shall comply with the rules and regulations of the Division of Industrial Safety and all other local and state and federal agencies having jurisdiction. Nothing contained herein shall be construed as permitting work that is contrary to such rules, regulations and codes.

- All work on public property shall conform to applicable rules and regulations of the public entity.

- Contractor shall be held to have visited the site prior to submitting proposal to determine existing conditions, nature of materials to be encountered and to evaluate other information concerning or affecting the work to be performed under the contract.

- Stripping: The site shall be stripped of all existing grass, concrete paving and aggregate base. Soil shall be stripped a minimum of 4" or until all organics in excess of 3 percent by volume are removed. Stripped material will not be suitable as engineered fill. Stripped topsoil shall be stockpiled and reused in landscape or non-structural areas.

- Over Excavation: The exposed subgrade within structures, exterior flatwork and pavement areas shall be excavated/scarified to a minimum depth of 6 inches, worked until uniform and free from large clods, moisture-conditioned to a minimum of 2 percent above optimum moisture content, and re-compacted to a minimum of 90 percent of maximum density based on ASTM Test Method D1557. Limits of re-compaction shall extend 5 feet beyond structural elements.

- Proof – rolling: Areas of cut and areas which are to support structures, slabs, footings and pavement shall be proof rolled with a minimum of three passes of heavy pneumatic tire compaction equipment. Soft soil zones observed during proof rolling shall be removed and replaced by import fill.

- Compact all backfill to a minimum degree of compaction of 85%, except the upper 2.0 feet shall be compacted to at least a minimum degree of compaction of 90%.

## Chain Link Fencing

- The work includes chain link fencing as shown and noted on the drawings.

- Manufacturing Standard: Specifications for Galvanized Steel Chain Link Fence Fabric and Specifications for Industrial Steel Specifications for Fence Posts, Gates and Accessories, current edition, as published jointly by Chain Link Fence Manufacturers Institute and International Fence Industry Association, Inc., Sacramento, California.

- Materials:

    - Fabric: 2" x 2" mesh, 9 gauge, zinc-coated class I or II steel chain link per ASTM A392-74. Tensile strength of fabric wire shall be 80,000 psi minimum.

    - Line Post: 2.7 #H or 2" O.D. 2.72 lbs. per lin. ft.

- Top Rail: 1-5/8" O.D. 2.27 per lin. ft. or 1-1/4" roll-form section.
- End, Corner and Pull Posts: 2-3/8" O.D. 3.65 lbs. per ft.
- Gate Posts: Gate width 6' or less: 2-7/8" O.D. 5.79 lbs. per ft. Gate width over 6': 4" O.D. 9.10 lbs. per ft.
- Gate Frames: 1.90" O.D. pipe connected with fittings and riveted at each corner; positive type latching device with provisions for padlocking. Frame shall have 3/8" diameter adjustable truss rods. See Part 3, Paragraph 3-02.D for requirements pertaining to gates in the path of travel.
- Concrete: Concrete shall be Portland Cement Concrete, minimum compressive strength of 2,500 psi at 28 days and shall conform to ASTM C94.
- All posts, rails and appurtenances shall be hot dipped, zinc coated steel per ASTM A120 76, A123 73 or A153 73 as applicable.

## Concrete

- Provide all cast in place concrete for all site work concrete including sidewalks, curbs and mow strips complete, in place, as indicated on the Drawings, specified herein, and as required for a complete and proper installation.

- Concrete: Comply with Standard Specifications for Ready Mixed Concrete, ASTM C94, Alternate No. 3, with the following requirements:

    1. 28 day compressive strength = 3000 psi

    2. Maximum slump = 4 inches

    3. Minimum Cement Content = 7.1 sacks per cubic yard

    4. Maximum water cement ratio = 6.0 gallons/sack

    5. Maximum aggregate size = 1.0 inch

    6. Concrete mixtures shall have air content by volume of concrete of 4 to 6 percent, based on measurements made immediately after discharge from the mixer. Air content shall be determined in accordance with ASTM C173 or ASTM C231. ASTM C231 shall be used with concretes and mortars made with relatively dense natural aggregates.

- Placing: Concrete shall be placed in the forms in one layer of such thickness that when compacted and finished the sidewalk and slab will be of the thickness indicated. After concrete has been placed in the forms, a strike off guided by side forms shall be used to bring the surface to proper section to be compacted. The concrete shall be tamped and consolidated with a suitable wood or metal tamping bar, and the surface shall be finished to grade with a wood float. Finished surface of the walk and slab shall not vary more than 3/16 inch from the testing edge of a 10

foot straightedge, except at grade changes. Irregularities exceeding the above shall be satisfactorily corrected. Sidewalk surfaces shall be divided into rectangular areas by means of contraction joints spaced at not more than 5 feet on centers.

- Concrete Finishing: After straight edging, when most of the water sheen has disappeared, and just before the concrete hardens, the surface shall be finished to a smooth and uniformly fine granular or sandy texture free of waves, irregularities, or tool marks. The final finish for sidewalks shall be a medium broom finish. Surfaces to be used by pedestrian traffic shall be broomed transversely to the line of traffic.

- Edge and Joint Finishing: All edges, including those at formed joints, shall be finished carefully with an edger having a radius of 1/8 inch. Corner and edges which have crumbled and areas which lack sufficient mortar for proper finishing shall be cleaned and filled solidly with a properly proportioned mortar mixture and then finished.

- Contraction Joints: The contraction joints shall be formed in the fresh concrete by cutting a groove in the top portion of the slab to a depth of at least one fourth of the sidewalk slab thickness, using a jointer to cut the groove.

- Expansion Joints: Transverse expansion joints shall be installed at sidewalk returns and opposite expansion joints in adjoining curbs. Where the sidewalk is not in contact with the curb, transverse expansion joints shall be installed as indicated or at intervals of not less than 30 or more than 50 feet. Transverse expansion joints shall be filled with 1/2 inch joint filler strips. Joint filler shall be placed with top edge 1/4 inch below the surface and shall be held in place with steel pins or other devices to prevent warping of the filler during floating and finishing. Immediately after finishing operations are completed, joint edges shall be rounded with an edging tool having a radius of 1/8 inch, and concrete over the joint filler shall be removed. Expansion joints shall be formed about structures and features that project through or into the sidewalk pavement, using joint filler of the type, thickness, and width indicated. The filler shall be installed in such manner as to form a complete, uniform separation between the structure and sidewalk pavement. At the end of the curing period, expansion joints shall be carefully cleaned and filled with joint sealer. Concrete at the joint shall be surface dry, and the atmospheric and pavement temperatures shall be above 50oF at the time of application of joint sealing materials. Joints shall be filled flush with the concrete surface in such manner as to minimize spilling on the walk surface. Spilled sealing material shall be removed immediately and the surface of the walk cleaned. Dummy groove joints shall not be sealed.

- Protection: Completed sidewalks shall be protected from damage until accepted. The Contractor shall repair damaged concrete and clean concrete discolored during construction. Sidewalk that is damaged shall be removed and reconstructed for the entire length between regularly scheduled joints. Refinishing the damaged portion will not be acceptable. Removed damaged portions shall be disposed of as directed.

## Masonry

- Provide samples for Initial Selection:
    1. Decorative Split face CMUs, in the form of small-scale units.
    2. Colored mortar
- Material Certificates: For each type and size of the following:
    - Masonry units.
        1. Include data on material properties.
        2. For masonry units, include data and calculations establishing average net-area compressive strength of units.
    - Integral water repellant used in CMUs.
    - Cementitious materials. Include name of manufacturer, brand name, and type.
    - Mortar admixtures.
    - Preblended, dry mortar mixes. Include description of type and proportions of ingredients.
    - Grout mixes. Include description of type and proportions of ingredients.
    - Reinforcing bars.
    - Joint reinforcement.
    - Anchors, ties, and metal accessories.
- Mix Designs: For each type of mortar and grout. Include description of type and proportions of ingredients.
    1. Include test reports for mortar mixes required to comply with property specification. Test according to ASTM C 109for compressive strength, ASTM C 1506 for water retention, and ASTM C 91 for air content.
    2. Include test reports, according to ASTM C 1019, for grout mixes required to comply with compressive strength requirement.
- Statement of Compressive Strength of Masonry: For each combination of masonry unit type and mortar type, provide statement of average net-area compressive strength of masonry units, mortar type, and resulting net-area compressive strength of masonry determined according to TMS 602/ACI 530.1/ASCE 6.
- Stain Prevention: Prevent grout, mortar, and soil from staining the face of masonry to be left exposed or painted. Immediately remove grout, mortar, and soil that come in contact with such masonry.

1. Protect base of walls from rain-splashed mud and from mortar splatter by spreading coverings on ground and over wall surface.

2. Protect sills, ledges, and projections from mortar droppings.

- Provide structural unit masonry that develops indicated net-area compressive strengths at 28 days.

    1. Determine net-area compressive strength of masonry from average net-area compressive strengths of masonry units and mortar types (unit-strength method) according to TMS 602/ACI 530.1/ASCE 6.

- Mortar and Grout Materials

    A. Portland Cement: ASTM C 150, Type I or II, except Type III may be used for cold-weather construction. Provide natural color or white cement as required to produce mortar color indicated.

        1. Alkali content shall not be more than 0.1 percent when tested according to ASTM C 114.

    B. Hydrated Lime: ASTM C 207, Type S.

    C. Portland Cement-Lime Mix: Packaged blend of portland cement and hydrated lime containing no other ingredients.

    D. Mortar Cement: ASTM C 1329.

    E. Mortar Pigments: Natural and synthetic iron oxides and chromium oxides, compounded for use in mortar mixes and complying with ASTM C 979. Use only pigments with a record of satisfactory performance in masonry mortar.

F. Colored Cement Products: Packaged blend made from portland cement and hydrated lime and mortar pigments, all complying with specified requirements, and containing no other ingredients.

1. Colored Portland Cement-Lime Mix:
2. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:

a. Colored Portland Cement-Lime Mix:

1) Capital Materials Corporation; Riverton Portland Cement Lime Custom Color.
2) Holcim (US) Inc.; Rainbow Mortamix Custom Color Cement/Lime.
3) Lafarge North America Inc.; Eaglebond Portland & Lime.
4) Lehigh Cement Company; Lehigh Custom Color Portland/Lime Cement.

3. Formulate blend as required to produce color indicated or, if not indicated, as selected from manufacturer's standard colors.
4. Pigments shall not exceed 10 percent of portland cement by weight.

G. Aggregate for Mortar: ASTM C 144.

1. For mortar that is exposed to view, use washed aggregate consisting of natural sand or crushed stone.
2. For joints less than 1/4 inch thick, use aggregate graded with 100 percent passing the No. 16 sieve.
3. White-Mortar Aggregates: Natural white sand or crushed white stone.
4. Colored-Mortar Aggregates: Natural sand or crushed stone of color necessary to produce required mortar color.

H. Aggregate for Grout: ASTM C 404.

I. Cold-Weather Admixture: Nonchloride, noncorrosive, accelerating admixture complying with ASTM C 494/C 494M, Type C, and recommended by manufacturer for use in masonry mortar of composition indicated.

J. Water-Repellent Admixture: Liquid water-repellent mortar admixture intended for use with CMUs containing integral water repellent from same manufacturer.

K. Water: Potable.

- Reinforcement

A. Uncoated Steel Reinforcing Bars: ASTM A 615or ASTM A 996Grade 60.

B. Reinforcing Bar Positioners: Wire units designed to fit into mortar bed joints spanning masonry unit cells and to hold reinforcing bars in center of cells. Units are formed from 0.148-inch steel wire, hot-dip galvanized after fabrication. Provide units designed for number of bars indicated.

C. Masonry-Joint Reinforcement, General: Ladder type complying with ASTM A 951.

1. Exterior Walls: Hot-dip galvanized carbon steel.
2. Wire Size for Side Rods: 0.148-inch diameter.
3. Wire Size for Cross Rods: **0.**148-inch diameter.
4. Spacing of Cross Rods: Not more than 16 inches o.c.
5. Provide in lengths of not less than 10 feet.

- Ties and Anchors

A. General: Ties and anchors shall extend at least 1-1/2 inches into masonry but with at least a 5/8-inch cover on outside face.

B. Materials: Provide ties and anchors specified in this article that are made from materials that comply with the following unless otherwise indicated:

1. Mill-Galvanized, Carbon-Steel Wire: ASTM A 82, with ASTM A 641, Class 1 coating.
2. Galvanized-Steel Sheet: ASTM A 653, Commercial Steel, G60 zinc coating.

C. Adjustable Anchors for Connecting to Structural Steel Framing: Provide anchors that allow vertical or horizontal adjustment but resist tension and compression forces perpendicular to plane of wall.

1. Tie Section: Triangular-shaped wire tie made from **0.187-inch** diameter, hot-dip galvanized steel wire

- Grouting: Do not place grout until entire height of masonry to be grouted has attained enough strength to resist grout pressure.

2. Comply with requirements in TMS 602/ACI 530.1/ASCE 6 for cleanouts and for grout placement, including minimum grout space and maximum pour height.
3. Limit height of vertical grout pours to not more than 60 inches.

## Right to Reject

The Kingsburg Elementary Charter School District reserves the right to accept or reject all proposals or sections thereof when the rejection is in the best interest of the school system. The Kingsburg Elementary Charter School District reserves the right to award without further discussion. Therefore, responses should be submitted initially with the most favorable terms the bidder proposes. The Kingsburg Elementary Charter School District reserves the right to reject the proposal of a bidder who has previously failed to perform properly or completed on time contracts and to reject the proposal of any bidder who in the opinion of the Kingsburg Elementary Charter School District Board of Trustees, is not in a position to adequately perform the contract. The Kingsburg Elementary Charter School District Board of Trustees reserves the right to reject any and all proposals, any part or parts of a proposal, waive any technicalities/informalities, increase or reduce quantities, make modifications or specifications, and award any or the entire contract in a manner that is in the best interest of the Kingsburg Elementary Charter School District. Contracts will be awarded to the bidder submitting the proposal determined to be in the best interests of the Kingsburg Elementary Charter School District.

**ATTACHMENT 'A' INFORMATION FORM (Type or Print ONLY)**

| | |
|---|---|
| **NAME OF COMPANY** | |
| **ADDRESS OF HOME OFFICE** | |
| **CITY OF HOME OFFICE** | |
| **STATE OF HOME OFFICE** | |
| **COUNTY OF HOME OFFICE** | |
| **9-DIGIT HOME OFFICE ZIP CODE** | |
| **PHONE # OF HOME OFFICE** | |
| **Federal EIN** | |
| **DUNS Number** | |
| | |

**CONTACT Name**

**CONTACT Phone Number**

**CONTACT Email Address**

**By signing below, the bidder acknowledges that the prices listed on this sheet are the prices being bid for this project and represent best value. The bidder acknowledges the price is good for 30 days from the submitted bid date. The bidder also acknowledges that this project is subject to funding availability.**

**PRINTED NAME _____**

**TITLE_____**

**SIGNED _____ DATE**

**_____**

# Site Visit Form

Date _____

Vendor Name _____

Contact Name _____

Address _____

_____

Phone Number _____

Email Address _____

Check preferred method of contact: ☐ Email ☐ Phone

(Contact information for changes/updates/clarifications)