



CITY OF HOUSTON INVITATION TO BID

Issued: December 28, 2009

Bid Opening

Sealed bids, in duplicate, will be received by the City Secretary of the City of Houston, in the City Hall Annex, Public Level, 900 Bagby, Houston, Texas 77002 until **10:30 a.m. Thursday, January 14, 2010**, and all bids will be opened and publicly read in the City Council Chamber at 11:00 A.M. on that date for the purchase of:

**REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS
FOR
VARIOUS DEPARTMENTS
BID INVITATION NO. S32-S23321
NIGP CODE: 550-80**

Buyer

Veronica Douglas, CPPB is the Buyer for this solicitation and she may be reached at 832-393-8745. Any questions regarding this solicitation should be submitted in writing to 832-393-8760 (fax) or via e-mail at veronica.douglas@cityofhouston.net.

Electronic Bidding

In order to submit a bid for the items associated with this procurement, you must fill in the pricing information on the "PLACE BID" page.

Pre-Bid

A Pre-Bid Conference will be held for all Prospective Bidders in the Strategic Purchasing Division, Conference Room 1, Tunnel Level, City Hall Annex, 900 Bagby St., Houston, TX 77002 on Thursday, January 7, 2010 at 10:00 a.m.

All Prospective Bidders are urged to be present. It is the bidder's responsibility to ensure that they have secured and thoroughly reviewed all aspects of the bidding documents prior to the Pre-Bid Conference. **Any revisions to be incorporated into this bidding document arising from discussions before, during and subsequent to the pre-bid conference will be confirmed in writing by Letter(s) of Clarification prior to the bid due date. No verbal responses will otherwise alter the specifications, terms and conditions as stated herein.**

Bidding forms, specifications and all necessary information should be downloaded from the Internet at <https://purchasing.houstontx.gov>. By registering and downloading this bid document, all updates to this bid document will be automatically forwarded via e-mail to any registered bidder. This information may also be obtained from the office of the City Purchasing Agent, 901 Bagby, Basement, Houston, Texas 77002.

The place of the bid opening may be transferred in accordance with Paragraph B (5) of Section 15-3 of The Code of Ordinances, Houston, Texas. The bid opening meeting may be rescheduled in accordance with Paragraph B (6) of said Section 15-3.

The City reserves the right to reject any or all bids or to accept any bid or combination of bids deemed advantageous to it.

CITY EMPLOYEES ARE PROHIBITED FROM BIDDING ON THIS SOLICITATION IN ACCORDANCE WITH THE CODE OF ORDINANCES SECTION 15 - 1.

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SECTION A.



REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS BID INVITATION NO. S32-S23321

Honorable Mayor and City Council Members:

The undersigned hereby proposes to furnish and deliver **Remote Activated School Flasher System Parts, FOB destination point as listed on the electronic bid form and on the individual Purchase Orders**, in accordance with the Net Prices and other conditions shown herein, and in accordance with the City's Specifications and General Terms and Condition Specifications. When issued, Letters of Clarification shall automatically become part of this bid document and shall supersede any previous specifications or provisions in conflict with the Letters of Clarification. It is the responsibility of the bidder to ensure that it has obtained such letters. By submitting a bid on this project, bidder shall be deemed to have received all Letters of Clarification and to have incorporated them into its bid. THE MANUFACTURER'S NAME, PRODUCT NAME AND PRODUCT NUMBER MUST BE DESIGNATED IN THE SPACE PROVIDED IF BIDDERS ARE BIDDING AN "OR EQUAL" ITEM.

The City may accept this bid offer by issuance of a Notice of Award Letter and/or a Purchase Order covering award of said bid to this Bidder at any time on or before the 120th day following the day this Official Bid Form is opened by the City. This offer shall be irrevocable for 120 days after the bid opening or for 90 days after City Council awards the bid, whichever comes last, but this period may be extended by written agreement of the parties.

The City of Houston reserves the option, after bids are opened, to increase or decrease the quantities listed, subject to the availability of funds, and/or make award by line item.

BIDDING AND AWARD:

It is the intent of the City to award, on the basis of overall low net bid meeting specifications for the entire award; however, the right is reserved to accept or reject in whole or in part any or all bids received and to make an award on the basis of individual item, combination of items or overall best bid, as it is deemed in the best interest of the City.

THIS IS A SIXTY (60) MONTH AWARD

FIRM PRICES ARE TO BE QUOTED FOR THE FIRST TWELVE (12) MONTH PERIOD

SPECIAL BIDDERS NOTE:

These bid documents are to be bid exactly as published or amended by any letter(s) of clarification that may be issued pertaining thereto.

LINE ITEM BIDS:

Only one item may be bid for each referenced line item. To bid the referenced line item and an alternate, bidder must submit a separate bid form for each alternate item(s) with its own original signature page. Multiple bids for the same line item on one bid form will be just cause to reject a bid from further consideration.

SECTION A. OFFICIAL BID FORM FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

Documents/forms must be downloaded from the City's Website <https://www.houstontx.gov/purchasing/index.html>

Additional Required Forms to be Included with this Bid:

In addition to the electronic Bid Form and the Official Signature Page, the Forms listed in Table 1 **must be completed and submitted to the Office of the City Secretary on or before the date and time the bid is due:**

Table 1
Affidavit of Ownership
Conflict of Interest Questionnaire
Fair Campaign Ordinance
Statement of Residency
Bidders Attachments Supply

Table 2 lists other documents and forms that should be viewed/downloaded from the City's website, but are not required to be submitted with the bid. The City will request these forms, as applicable, to be completed and submitted to the City by the recommended/successful bidder:

Table 2
MWBE.doc
Sample Insurance Over \$50000.pdf
Formal Instructions for Bid Terms.doc
EEOC.doc

SECTION B.
CITY OF HOUSTON
TECHNICAL SPECIFICATIONS
FOR
REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS
FOR
VARIOUS DEPARTMENTS

1.0 SOLAR POWERED SCHOOL ZONE FIELD EQUIPMENT:

- 1.1 The purpose of this specification is to provide details of solar school zone flashing beacon field equipment for new installations and replacement parts for existing installations. This cabinet will be designed to protect internal equipment from rain, dust, vandalism and other conditions found in harsh environments.
- 1.2 Field equipment includes: cabinets, battery chargers, batteries, solar panels, flashers, and other incidentals required for solar powered school zone field equipment.

2.0 PRODUCTS INSTALLED BUT NOT FURNISHED:

Signs: School zone beacon signs shall be furnished for installation by the supplier. All school zone signs shall remain covered until the installation is inspected and accepted by the City.

3.0 MEASUREMENT:

Solar powered school zone equipment shall be measured as described as follows:

- 3.1 Solar Flashing Beacon Assembly, Complete, In Place - This item will be measured on the basis of EACH assembly complete in place, tested, and accepted. This item shall include one pole with cap and base, one cabinet assembly, two beacons, solar panel, two batteries, battery charger, flasher, terminal strips, and all conductors, and incidentals necessary to provide a complete functional solar flashing beacon assembly.
- 3.2 Solar Flashing Beacon, Assembly, Complete, Parts - This item shall include one pole with cap and base, one cabinet assembly, two beacons, solar panel, two batteries, battery charger, flasher, and terminal strips. This item will be measured on the basis of EACH complete assembly furnished and accepted.
- 3.3 Flashing Beacon Cabinet Assembly – This item will be measured as EACH unit furnished and accepted.
- 3.4 Automatic Battery Charger – This item will be measured as EACH unit furnished and accepted.
- 3.5 Batteries, 12 VDC, Furnished – This item will be measured as EACH unit furnished and accepted.
- 3.6 Solar Panel Array, Furnished – This item will be measured as EACH unit furnished and accepted.
- 3.7 Signal Beacons, Furnished – This item will be measured as each PAIR of beacons furnished.

TECHNICAL SPECIFICATIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

3.0 MEASUREMENT (CONTINUED):

- 3.8 Solar flashing beacon assembly, with time clock, complete, in place – This item will be measured on the basis of EACH assembly complete in place, tested, and accepted. This item shall include one pole with cap and base, one cabinet assembly, one programmable flashing beacon time-based control unit, two beacons, solar panel, two batteries, battery charger, flasher, terminal strips, and all conductors, and incidentals necessary to provide a complete functional solar flashing beacon assembly.

4.0 MATERIALS:

4.1 CABINET COMPONENTS:

- 4.1.1 The cabinet door shall be constructed from 5052H32-sheet alloy and shall have a thickness of .125 inch. There shall be no vertical seams in the cabinet shell. All external welds shall be made using the Heliarc method, whereas the wire welding method shall make internal welds. All welds shall be neatly formed and free from cracks, blowholes and other irregularities. The nominal outside dimensions shall be 26 inch (h) x 15.25 inch (w) x 15.75 inch (d). There shall also be a lip over-hang cross the top of the cabinet covering the top of the door to help in preventing moisture from getting into the cabinet.
- 4.1.2 The cabinet door opening shall be double flanged around all sides to form a uniform surface. This is to assure maximum contact with the door gasket material. All inside and outside edges of the cabinet shall be free of burrs.
- 4.1.3 All single position door restraints shall be provided to hold the door open at a maximum 90-degree angle. This is to prevent door movement in wind conditions.
- 4.1.4 Four vents (two on each side) with each vent containing two louvers shall be provided for adequate ventilation of internal components.

4.2 DOOR AND HARDWARE:

- 4.2.1 The door will be a minimum of 80% of the front surface area and shall be hinged on the right side when facing the cabinet.
- 4.2.2 The door shall be furnished with a gasket ½" x 2" closed celled neoprene that shall form a weather tight seal between the cabinet flange and the door. A 3/8" x 5/8" retainer shall be used to hold the gasket in place.
- 4.2.3 The door gasket shall be sprayed with silicone lubricant so that it does not adhere to the cabinet body-sealing surface.
- 4.2.4 The hinge shall be continuous and shall fasten to the cabinet and door by ¼-20 carriage bolts, washers and Nylok nuts. The hinge will be made of .90 inch thick stainless steel and shall have a .25 inch diameter stainless steel hinge pin.

TECHNICAL SPECIFICATIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

4.0 MATERIALS (CONTINUED):

4.3 LATCHING MECHANISM: The latching mechanism shall be a three-point draw type and shall have the following characteristics:

- 4.3.1 The center catch and cam shall be fabricated from .1875 inch thick steel and zinc plated.
- 4.3.2 The latching rods shall not make direct contact with the inside of the cabinet surface, rather this mechanical interface shall be made by a nylon roller on each of the latching rod ends.
- 4.3.3 The lock shall be a Corbin #2 lock. Two keys will be furnished with each lock.
- 4.3.4 On the front side of the door a cover shall be provided over the key slot to prevent debris from getting into the lock. This device shall be attached so that it can provide easy access for unlocking the cabinet.
- 4.3.5 The latching handle shall have a provision for padlocking in the closed position. The padlocking position shall be at the extreme end of the latching handle to preclude the use of pipe by vandals to force the locking mechanism open.

4.4 OPERATING HANDLE: An operating handle shall be furnished and shall have the following characteristics:

- 4.4.1 The handle will be stainless steel with a .750 inch diameter shank. The latching handle shall have a provision for padlocking in the closed position. The padlocking position shall be in the bottom middle of the latching handle to preclude the use of pipe by vandals to force the locking mechanism open.
- 4.4.2 There shall be no exposed hardware of any type mounting the latching handle to the door.
- 4.4.3 The handle shall have a lock clasp to allow the securing of the cabinet with a padlock.

4.5 CABINET LAYOUT:

- 4.5.1 Top Shelf: The top shelf shall be removable for easy access to batteries on the bottom. The shelf shall have predrilled holes to attach the control panel. These holes will be ¼ inch in diameter and shall be centered 7 inches apart and 3 inches from the front of the shelf. The top shelf shall have a minimum depth of 9 inches and shall span the entire width of the cabinet. In the back center of the top shelf a half moon shape hole with a diameter of 2 inches shall be in place for ease of bringing cables up to the controller panel. The front lip of the shelf shall be turned up a minimum of ¼ inch and shall be free from sharp edges and burrs. In addition ¼ x ¾ inch bolts with wing nuts shall be supplied for attaching the control panel to the shelf. The top shelf shall be removable but made rigidly mounted with the use of simple tools.
- 4.5.2 The cabinet shall be provided with a battery shelf fabricated from 5052H32 aluminum having a thickness of .125 inch. The shelf shall be welded into the cabinet for maximum rigidity. A ½ inch of styrofoam shall be supplied to cover the bottom, sides and back of the cabinet where the batteries will sit.
- 4.5.3 Cabinet Finish: Unless otherwise specified, the outside surface of the cabinet shall have a smooth, uniform, polish aluminum finish.

TECHNICAL SPECIFICATIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

4.0 MATERIALS (CONTINUED):

4.6 SOLAR PANEL:

The Photovoltaic (PV) Module shall provide 12 volts of direct current and be capable of recharging the system to full capacity, after six (6) hours of continuous operation, in three (3) hours +/- .5 hours during optimum sun conditions. The minimum acceptable wattage output of the solar panel will be 100 watts. Solar array sizing calculations and the parameters used shall be required. Each solar cell shall be bypass diode protected to prevent power loss if a module is temporarily shaded. The crystalline silicon solar module shall consist of cells that are permanently encapsulated between a tempered glass cover and layers of ethylene vinyl acetate (EVA) pottant with a polyvinyl fluoride (PVF) and aluminum foil back sheet to provide a moisture free environment. Units without foil back sheets must have Underwriter Laboratory (UL) approval. The module frame shall be made from extruded aluminum alloy and adequately sized to attach the desired number and size of solar panels. The mounting bracket shall use tamper proof hardware to secure the PV module to the frame. An ultraviolet (UV) resistant, weatherproof junction box providing wire termination for up to #8 AWG wiring shall be provided with the PV module.

4.7 BATTERY FOR SOLAR POWERED FLASHING BEACONS:

4.7.1 The battery(s) shall have a nominal voltage of 12 VDC. The battery(s) shall be sized to allow four (4) days of autonomy and provide sufficient power to support remote communications at an increased power consumption rate of one ampere hour per day. The battery(s) shall conform to the following criteria.

4.7.1.1 Operating temperature range.

4.7.1.2 Discharge: -26 degrees F to + 140 degrees F.

4.7.1.3 Charge: -4 degrees F to + 122 degrees F.

4.7.1.4 Vents: Pressure relief vents permanently attached.

4.7.1.5 Sealed Construction: Will not spill or leak.

4.7.1.6 Flag Terminals: Hold clearances for ¼" bolt.

4.7.2 Battery(s) shall be housed in the battery cabinet specified in the above specification. The battery(s) shall carry a prorated warranty for a minimum of five (5) years.

4.7.3 Programmable Control Unit – Programmable time-based control units, when required as listed in the bid items, shall be RTC Model CPR2100 Controller, or equal.

4.8 BATTERY CHARGER:

4.8.1 The charging unit shall be 100% solid state and be designed for use as a battery charger in photovoltaic (solar) energy systems. The charger shall be mounted on the control panel.

4.8.2 The charger shall supply maximum solar panel current to the battery until battery is fully charged (trickle charge will not be accepted). Battery voltage will be used to determine when charging is to resume. The resumption threshold shall compensate for temperature. The charge current must be tested at least one (1) time per hour.

4.8.3 The charger shall supply a charging current of up to 10 Amps DC to the batteries.

TECHNICAL SPECIFICATIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

4.0 MATERIALS (CONTINUED):

4.8 BATTERY CHARGER (CONTINUED):

- 4.8.4 The charger shall be a modular design and shall be easily replaced with the use of simple tools. There shall be no terminal strip connections on the charging unit; it must be a plug in design. Any meters being used shall be housed in the charging unit.
- 4.8.5 Metering devices used shall be for checking the battery voltage and solar panel input voltage. One meter built into the charging unit will be used for both operations, and external switching device shall be used to check both measurements.
- 4.8.6 Charger shall incorporate a low voltage disconnect that shall prevent battery damage due to extreme discharge.

4.9 FLASHING UNIT:

- 4.9.1 The flashing unit shall be a modular design with a plug being utilized for connecting to the external flashing outputs. The external outputs shall be made on the back of the control panel. The flasher shall be easily replaced with the use of simple tools.
- 4.9.2 The flasher shall be a 12 volt DC charger and shall operate in a range +/- -volts.
- 4.9.3 The flasher shall have a minimum of two (2) circuits and shall be rated for a minimum of 50 watts per circuit.
- 4.9.4 The operating temperature range shall be from -20 C to + 75 C.
- 4.9.5 The flasher shall be capable of working both Halogen or LED bulbs.
- 4.9.6 The physical size of the flasher unit shall be no larger than 5.50" (L) x 3" (W) x 2" (D).
- 4.9.7 The housing shall be a minimum 18 ga. steel.
- 4.9.8 The flasher shall have a programmable flash rate from 50-70 flashes per minute.

4.10 SIGNAL BEACONS:

- 4.10.1 The school zone beacon assembly shall operate with two (2) signal beacons. The beacons shall flash alternately (bouncing ball type). The beacons (signal heads, reflectors, amber lenses, and lamps) and mounting hardware shall be supplied as part of this bid.
- 4.10.2 All flashing beacons shall be 12' polycarbonate amber lens with tunnel visor hood and shall use bar on mounting or approved equal.
- 4.10.3 Lamps shall be 12VDC, 35-watt halogen with a minimum life of 2,000 hours continuous duty and mounted at the appropriate focal point to provide the maximum intensity for the 12" signal head.

5.0 CONSTRUCTION:

5.1 CABINET MOUNTING:

The cabinet shall be arranged for side pole mounting. Two sets of holes shall be predrilled to accommodate two Pelco SE 1100 mounting brackets. The top set shall accommodate the wire inlet to the cabinet. These mounting brackets shall be supplied as part of the complete cabinet package.

TECHNICAL SPECIFICATIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

5.0 CONSTRUCTION: (CONTINUED):

5.2 CONTROL PANEL:

The control panel shall be 12 inches high by 14 inches wide and have a 4 inch lip at the bottom for the purpose of fastening to the upper shelf. The panel will set up for the charging unit and flashing unit to mount on the panel; also mounted on the panel will be the paging unit.

5.3 SOLAR PANEL MOUNTING HARDWARE:

The photovoltaic module mounting assembly shall be constructed of galvanized steel (ASTM A-153 Class A) or aluminum of adequate design and strength to provide a means of securely attaching the PV module frame to a pole at a permanent angle of 45 to 50 degrees. The pole mounting hardware shall accommodate a steel 4½" pole. The bracket shall be at an inscribed angular position above the pole. Mounting hardware may mount on the side of the pole or on the top of the pole as long as the bracket is of adequate strength to withstand the weight and wind stresses.

5.4 PHYSICAL AND ELECTRICAL INTERFACE:

5.4.1 A physical and an electrical interface need to be maintained for the connection of the pager unit. This interface will need to be a terminal strip on the rear of the control panel. This terminal strip will be where the harness will hook up for the pager unit. The terminal strip will need to be clearly labeled DC+, DC-, Earth Ground, Relay N/O, Relay Common.

5.4.2 A physical and an electrical interface will have to be maintained between the solar panel, batteries, and signals; both can be utilized on one (1) terminal block to save space. All labeling shall be silk-screened.

6.0 TESTING:

Solar powered school zone beacon assemblies shall meet or exceed all applicable Texas Manual on Uniform Traffic Control Devices and/or Institute Transportation Engineers (ITE) standards and these specifications. In addition to testing of pre-shipment samples, complete testing of school zone beacon assemblies may be required at any time prior to acceptance. Institute Transportation Engineers specified signal lamp intensity shall be maintained.

7.0 TRAINING:

Training requirements are listed below. The City shall furnish the training classroom and the Project Manager shall schedule the training sessions.

7.1 Assembly: One 8-hour training class on field assembly training shall be provided as requested by the City Project Manager, for the City's installation suppliers and City of Houston's Department of Public Works and Engineering's Traffic Management and Maintenance Division personnel. The instructional training shall be for up to twenty (20) persons at the request of the City Project Manager.

7.2 Maintenance: One training class consisting of eight (8) hours of maintenance training shall be provided for up to twenty (20) persons, as requested by the City Project Manager.

TECHNICAL SPECIFICATIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

8.0 CERTIFICATION:

A supplier's representative shall provide to the City's Project Manager in writing that the City's installation suppliers have been trained to successfully assemble, program, and operate the beacon assemblies in accordance with manufacturer's specifications and operating manual.

9.0 DOCUMENTATION:

Each solar powered school zone assembly, both complete and as parts, shall be provided with the following documentation:

- 9.1 Complete accurate schematic diagrams.
- 9.2 Complete parts list including names and part numbers for suppliers and for parts not identified by universal numbers.
- 9.3 Operating and maintenance manual including simple programming instructions and a programming guide.

10.0 WARRANTY:

All equipment, except batteries, shall be warranted free from defects in material and workmanship for three (3) years from date delivered to the City of Houston warehouse. Batteries shall be warranted as specified in the specifications.

11.0 ON-SITE INSPECTION:

The Public Works & Engineering Department reserves the right to make on-site inspections (when required) for all bidders and potential awarded suppliers to determine if a supplier actually meets the published specifications.

12.0 COMPLIANCE:

- 12.1 The Public Works & Engineering Department reserves the right to monitor this award to ensure that the supplier is providing the goods and services required in strict accordance with the specifications as well as complying with the terms and conditions.
- 12.2 Monitoring may take the form of, but is not limited to:
 - Inspection, testing, and/or sampling of goods delivered or to be delivered.
 - Review of deliveries received for accuracy and timeliness.
 - Review of suppliers invoices for accuracy.
 - Review of certifications and/or licenses.
- 12.3 The Contract Compliance Section of the applicable department(s) shall be responsible for the compliance on this award.

13.0 PRE-PERFORMANCE MEETING:

Subsequent to approval/execution, the supplier(s) shall be required to attend a pre-performance conference. The Strategic Purchasing Division or the primary user department will host the pre-performance conference. The purpose of the pre-performance conference is for the supplier to introduce his or her project manager to the City staff and for the City staff to introduce the end-users, compliance and accounts payable representatives.

14.0 PRICE ADJUSTMENT:

14.1 Direct Cost:

In this section means Supplier's cost from the manufacturer of any item or if Supplier is the manufacturer, the cost of raw materials required to manufacture the item, plus costs of transportation from manufacturer to Supplier and Supplier to the City.

TECHNICAL SPECIFICATIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

14.0 PRICE ADJUSTMENT (CONTINUED):

14.2 Price Decreases:

- 14.2.1 If the Supplier's Direct Cost **decreases** at any time during the full term of this award, Supplier shall **immediately** pass the decrease on to the City and lower its prices by the amount of the decrease in Direct Cost.
- 14.2.2 Supplier shall notify the City Purchasing Agent of price decreases in the same way as for price increases set out below. The price decrease shall become effective upon City Purchasing Agent's receipt of Supplier's notice.

14.3 Price Increases:

- 14.3.1 Suppliers may request a price increase after 12 months from the bid opening date of the bid received by the City Secretary of the City of Houston. Subsequent price increases may be requested 12 months from the date of the previous approved price increase. The amount of the first increase shall not exceed actual documented increase in Supplier's Direct Cost and shall not ever be more than 10% above the previous bid price. The amount of the subsequent price increase shall also not exceed this percentage.
- 14.3.2 To request a price increase, Supplier must submit a letter setting the amount of the increase, along with an itemized list of any increased prices, showing the Supplier's current price, revised price, the actual dollar difference and the percentage of the price increase by line item. Documentation from the Supplier's supplier(s) showing the actual dollar increase/decrease to the Supplier must accompany this request. Such documentation from the Supplier's supplier must clearly show the dollar increase incurred by the Supplier on the applicable solicitation per item bid. The letter and documentation shall be sent to the following address:

**City Purchasing Agent
City of Houston
P.O. Box 1562
Houston, Texas 77251**

- 14.3.3 If the City Purchasing Agent approves the price increase, he or she shall notify Supplier in writing; no price increase will be effective until Supplier receives this notice. If the City Purchasing Agent does not approve Supplier's price increase, Supplier may terminate its performance upon **sixty (60) days** advance written notice to the City Purchasing Agent. Termination of performance is Supplier's only remedy if the City Purchasing Agent does not approve the price increase.
- 14.3.4 If, at any time after approving a price increase, the City Purchasing Agent determines that the City can obtain the same item at a lower price from a different source without violating the State bid laws, the City may then purchase the item from the lower price source without any obligation to the Supplier.

TECHNICAL SPECIFICATIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

BIDDER'S QUESTIONNAIRE

In order to receive bid award consideration, the bidder must be able to demonstrate that they are currently providing or have had at least one contract, as a prime supplier, for delivering remote activated school flasher system parts that is similar in size and scope to this solicitation. The reference(s) should be included in the space provided below. Please attach another piece of paper if necessary. If references are not included with the bid, the bidder shall be required to provide such references to the City of Houston within five working days from receipt of a written request from the City of Houston to do so. **Bidder's capability and experience shall be a factor in determining the supplier's responsibility. Bidder must have references documenting that it has delivered remote activated school flasher system parts.**

1. Name: _____
Address: _____
City & State: _____
Name & Phone Number of Contact: _____ Years of Services: _____

2. Name: _____
Address: _____
City & State: _____
Name & Phone Number of Contact: _____ Years of Services: _____

3. Name: _____
Address: _____
City & State: _____
Name & Phone Number of Contact: _____ Years of Services: _____

SECTION C.

CITY OF HOUSTON GENERAL TERMS AND CONDITIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS

1.0 TERM OF AWARD:

- 1.1 The term of the award shall be for a sixty (60) month period beginning on the date specified in the Notice of Award letter. During this period, purchase orders will be issued for items as needed. Any conflict between the terms and conditions as specified herein and said purchase orders; the term and conditions of this award shall govern. The Supplier will not provide any goods/services without first having received an official City of Houston purchase order. While it is the intent to procure goods/services by issuing an Official City of Houston Purchase Order, there will be instances when a Purchasing Card (P-Card) or Petty Cash may be used. **The City requires that the prices bid award be honored on all purchases.**
- 1.2 It is emphasized that the City of Houston does not guarantee to purchase any specific quantity of any item listed; rather, the quantities may vary depending upon the actual needs of the user departments. Supplier shall remain obligated to the City under all clauses of this award that expressly or by their nature extend beyond and survive the expiration or termination of the award, including but not limited to warranties and indemnity provisions hereof.

2.0 SUPPLIER'S DUTY TO PAY:

Supplier shall make timely payments to all persons and entities supplying labor, materials or equipment for the performance of this award. Supplier agrees to protect, defend, and indemnify the City from any claims or liability arising out of Supplier's failure to make such payments. (Disputes relating to payment of MWBE subcontractors shall be submitted to arbitration in the same manner as any other disputes under the MWBE subcontract. Failure of the Supplier to comply with the decisions of the arbitrator may, at the sole discretion of the City, be deemed a material breach leading to termination of this award).

3.0 INVOICING:

- 3.1 In order to expedite payment all invoices must be submitted in triplicate, itemized as to quantity, part number, description, and applicable discount (if any) in the same order and form as in the City of Houston Purchase Order. Variations will only delay payment. In addition, invoices must show the name of the Department, Division or Section to which the merchandise was delivered, and the City of Houston Purchase Order Number.
- 3.2 All delivery tickets must have a description of the commodity delivered.
- 3.3 Mail invoices to the Accounts Payable Section of the department and to the address, as noted on individual purchase orders.
- 3.4 Delivery tickets and packing slips shall contain the same information as the invoice.
- 3.5 All packing slips and delivery tickets must be signed by the receiving employee and must show his/her City employee number.

4.0 PAYMENT:

Payment is due thirty (30) days after the City has approved the invoice or after the City has accepted the goods, whichever occurs later. The work performed and materials furnished shall be measured as indicated under "Measurement" and will be paid for at the unit price bid for each item, as specified in the work order. This price shall be full compensation for excavating, backfilling, constructing, furnishing, installing, and testing solar powered school zone equipment. This price shall also be full compensation for concrete and reinforcing steel, electrical conductors, connections, grounding rods, galvanized pipe, fittings, pole caps, pole bases, straps, foundations, anchor bolts, anchor plates (when required) and any other incidentals necessary to complete the work.

GENERAL TERMS AND CONDITIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

5.0 CONTAMINATED MATERIALS:

Each Supplier shall be required to identify their source of supply. No material will be accepted from a hazardous or toxic waste site, regardless of whether the site has been identified by either a Local, State or Federal Agency. No contaminated, toxic, hazardous waste products or heavy metal product shall be contained in these deliveries. If any material supplied to the City is found to be contaminated or contain heavy metal products, it will be the responsibility of the Supplier to remove and replace the contaminated product at their expense and at no cost to the City. The City has the option to solicit the removal of any contaminated material and charge back the Supplier any and all costs involved.

6.0 INSPECTIONS AND AUDITS:

- 6.1 The City reserves all rights to review all payments made to Suppliers by auditing at a later date. Subject to such audit, any overpayments may be recovered from the Supplier.
- 6.2 Representatives of the City have the right to examine the books of all subcontractors and/or suppliers supplying goods and/or services under the prime award insofar as those books and records relate to performance under the prime award.
- 6.3 City representatives may have the right to perform, or have performed, (1) audits of Supplier's books and records, and (2) inspections of all places where work is undertaken in connection with this award. Supplier shall keep its books and records available for this purpose for at least three years after this award terminates. This provision does not affect the applicable statute of limitations.

7.0 SILENCE OF SPECIFICATIONS:

The apparent silence of these specifications as to any detail, or the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best commercial practice is to prevail and that only material and workmanship of the finest quality are to be used. All interpretations of these specifications shall be made on the basis of this statement. The Bidder shall be an established Supplier of the items bid.

8.0 SPECIFIED EQUIPMENT, OR EQUIVALENT:

- 8.1 Wherever in the specifications any materials or processes are indicated or specified by patent or proprietary name and/or by name of manufacturer, such specifications shall be deemed to be used for the purpose of facilitating descriptions of the performance, materials and/or processes desired and shall be deemed to be followed by the words, "or equivalent", if not so stated in the specifications herein.
- 8.2 The burden of proof shall rest with the Bidder, in the course of a technical evaluation, to prove that the proposed item(s) are equivalent to the performance, materials, processes, or articles specified. **DETERMINATION AS TO WHETHER THE ITEM(S) BID IS /ARE EQUIVALENT TO THOSE SPECIFIED SHALL REST SOLELY WITH THE CITY PURCHASING AGENT AND THE RECEIVING DEPARTMENT.**

9.0 DELIVERIES:

- 9.1 The Supplier agrees to make deliveries only upon receipt of duly signed and approved Purchase Orders issued by the City of Houston City Purchasing Agent or designee. Delivery made without such Purchase Order shall be at Supplier's risk and shall leave the City the option of canceling any award implied or expressed herein.
- 9.2 Unless otherwise stated in the Bid Form or Specifications, deliveries must consist only of new and unused merchandise.
- 9.3 Full tare must be allowed and no charges made for packages.
- 9.4 In the event that the deliveries of the supplies covered in the solicitation are not made within the number of days specified, or in the event that the supplies delivered are rejected, and are not removed and replaced within the number of days specified in the official notice of rejection, the City reserves the right to terminate. The defaulting Supplier will be deemed non-responsible and will be disqualified from bidding on the solicitation if it is re-let by the City within ninety (90) days of such termination.

GENERAL TERMS AND CONDITIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

9.0 DELIVERIES (CONTINUED):

9.5 The Bidder must demonstrate its ability to secure and deliver any item within thirty (30) working days. Forty-eight (48) hour delivery services may be required in some instances; therefore, the Bidder must be able to provide such service.

10.0 SHIPPING TERMS:

Prices shall be F.O.B. Destination to the delivery location designated herein or on a purchase order. The Supplier shall retain title and control of all goods until they are delivered and award of coverage has been completed. All risk of transportation and all related charges shall be the responsibility of the Supplier. The Supplier shall file all claims for visible or concealed damage. The City will notify the Supplier promptly of any damaged goods and shall assist the Supplier in arranging for inspection.

11.0 MATERIALS:

The items furnished shall be the latest product in production to commercial trade, and shall be of the highest quality as to materials used. The Supplier furnishing these items shall be experienced in the production of such items and shall furnish evidence of having supplied similar items, which have been in successful operation. The Bidder shall be an established Supplier of the items bid.

12.0 RESTOCKING (EXCHANGES AND RETURNS):

There will be no restocking charge to the City for return or exchange of any item purchased under the terms of this award. If the City wishes to return items purchased under this award, the Supplier agrees to exchange, these items for other items, with no additional charge incurred. Items must be returned to Supplier within thirty (30) days from date of delivery. If there is a difference in price in the items exchanged, the Supplier shall invoice the City for increase price or provide the City with a credit or cash refund for any decrease in price. On items returned, a credit or cash refund will be issued by the Supplier to the City. This return and exchange option shall extend for thirty (30) days following the expiration date of the award. All items returned by the City must be unused and in the same merchantable condition as when received. **Items that are special ordered and/or stocked by the Supplier at the specific request of the City may be returned only upon approval of the Supplier.**

13.0 ADDITIONS & DELETIONS:

The City, by written notice from the City Purchasing Agent to the Supplier, at any time during the term of this award, may add or delete like or similar equipment, supplies, locations and/or services to the list of equipment, supplies, locations, and/or services to be provided. Any such written notice shall take effect on the date stated in the notice from the City. Similar equipment, supplies, services, or locations added to the award shall be in accordance with the solicitation specification/scope of services, and the charges or rates for items added shall be the same as specified on the bid form. In the event additional equipment, supplies, locations and/or services are not identical to the item(s) already awarded, the charges therefore will then be the Supplier's normal and customary charges or rates for the equipment, supplies, locations and/or services classified on the bid form.

14.0 FORCE MAJEURE:

14.1 Timely performance by both parties is essential to the award. However, neither party is liable for delays or other failures to perform its obligations to the extent the delay or failure is caused by Force Majeure. Force Majeure means fires, floods, explosions, and other acts of God, war, terrorist acts, riots, court orders, and the acts of superior governmental or military authority.

14.2 This relief is not applicable unless the affected party does the following:

14.2.1 uses due diligence to remove the Force Majeure as quickly as possible; and

14.2.2 provides the other party with prompt written notice of the cause and its anticipated effect.

GENERAL TERMS AND CONDITIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

14.0 FORCE MAJEURE (CONTINUED):

- 14.3 The City may perform or solicit functions itself during periods of Force Majeure. Such performance does not constitute a default or breach of this award by the City.
- 14.4 If the Force Majeure continues for more than 30 days, the City Purchasing Agent or Director upon written authorization by the City Purchasing Agent may terminate this award by giving 30 days' written notice to Supplier. This termination is not a default or breach. SUPPLIER WAIVES ANY CLAIM IT MAY HAVE FOR FINANCIAL LOSSES OR OTHER DAMAGES RESULTING FROM THE TERMINATION EXCEPT FOR AMOUNTS DUE AT THE TIME OF THE TERMINATION.

15.0 SAMPLES:

- 15.1 If requested by the City, the two (2) apparent low Bidders will be required to submit samples of the items proposed within seven (7) days of such request. The samples will be used to determine if the proposed items meet the specifications stated herein.
- 15.2 If the Bidder fails to provide samples within the seven (7) day period, as required, the City may reject your bid and not consider it for further evaluation.
- 15.3 These samples, if not subject to destructive testing, will be returned to the supplying Supplier. A notice will be mailed to the Supplier when samples are ready to be released by the City. Supplier will have fourteen (14) days to redeem the samples. If samples are not redeemed within this time period the City cannot be responsible for condition or loss of the subject items.

16.0 WARRANTY:

A minimum warranty of twelve (12) months from Supplier and the manufacturer's warranty will be furnished on materials and workmanship shall be provided. The warranty period shall begin the day the City officially accepts the item. Any warranty work is to be completed within five (5) working days after receipt of item.

17.0 RELEASE:

PRIME SUPPLIER AGREES TO AND SHALL RELEASE THE CITY, ITS AGENTS, EMPLOYEES, OFFICERS, AND LEGAL REPRESENTATIVES (COLLECTIVELY THE "CITY") FROM ALL LIABILITY FOR INJURY, DEATH, DAMAGE, OR LOSS TO PERSONS OR PROPERTY SUSTAINED IN CONNECTION WITH OR INCIDENTAL TO PERFORMANCE UNDER THIS AGREEMENT, EVEN IF THE INJURY, DEATH, DAMAGE, OR LOSS IS CAUSED BY THE CITY'S SOLE OR CONCURRENT NEGLIGENCE AND/OR THE CITY'S STRICT PRODUCTS LIABILITY OR STRICT STATUTORY LIABILITY.

18.0 INDEMNIFICATION:

- 18.1 PRIME SUPPLIER AGREES TO AND SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY, ITS AGENTS, EMPLOYEES, OFFICERS, AND LEGAL REPRESENTATIVES (COLLECTIVELY THE "CITY") HARMLESS FOR ALL CLAIMS, CAUSES OF ACTION, LIABILITIES, FINES, AND EXPENSES (INCLUDING, WITHOUT LIMITATION, ATTORNEYS' FEES, COURT COSTS, AND ALL OTHER DEFENSE COSTS AND INTEREST) FOR INJURY, DEATH, DAMAGE, OR LOSS TO PERSONS OR PROPERTY SUSTAINED IN CONNECTION WITH OR INCIDENTAL TO PERFORMANCE UNDER THIS AGREEMENT INCLUDING, WITHOUT LIMITATION, THOSE CAUSED BY:
- (1) PRIME SUPPLIER'S AND/OR ITS AGENTS', EMPLOYEES', OFFICERS', DIRECTORS', CONTRACTORS', OR SUBCONTRACTORS' (COLLECTIVELY IN NUMBERED PARAGRAPHS 1-3, "PRIME SUPPLIER") ACTUAL OR ALLEGED NEGLIGENCE OR INTENTIONAL ACTS OR OMISSIONS;
 - (2) THE CITY'S AND PRIME SUPPLIER'S ACTUAL OR ALLEGED CONCURRENT NEGLIGENCE, WHETHER PRIME SUPPLIER IS IMMUNE FROM LIABILITY OR NOT; AND

GENERAL TERMS AND CONDITIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

18.0 INDEMNIFICATION (CONTINUED):

(3) THE CITY'S AND PRIME SUPPLIER'S ACTUAL OR ALLEGED STRICT PRODUCTS LIABILITY OR STRICT STATUTORY LIABILITY, WHETHER PRIME SUPPLIER IS IMMUNE FROM LIABILITY OR NOT.

18.2 PRIME SUPPLIER SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY HARMLESS DURING THE TERM OF THIS AGREEMENT AND FOR FOUR YEARS AFTER THE AGREEMENT TERMINATES. PRIME SUPPLIER'S INDEMNIFICATION IS LIMITED TO \$500,000 PER OCCURRENCE. PRIME SUPPLIER SHALL NOT INDEMNIFY THE CITY FOR THE CITY'S SOLE NEGLIGENCE.

18.3 INDEMNIFICATION PROCEDURES:

(1) Notice of Claims. If the City or Prime Supplier receives notice of any claim or circumstances which could give rise to an indemnified loss, the receiving party shall give written notice to the other party within 10 days. The notice must include the following:

- (a) a description of the indemnification event in reasonable detail,
- (b) the basis on which indemnification may be due, and
- (c) the anticipated amount of the indemnified loss.

This notice does not stop or prevent the City from later asserting a different basis for indemnification or a different amount of indemnified loss than that indicated in the initial notice. If the City does not provide this notice within the 10 day period, it does not waive any right to indemnification except to the extent that Prime Supplier is prejudiced, suffers loss, or incurs expense because of the delay.

(2) Defense of Claims

(a) Assumption of Defense. Prime Supplier may assume the defense of the claim at its own expense with counsel chosen by it that is reasonably satisfactory to the City. Prime Supplier shall then control the defense and any negotiations to settle the claim. Within 10 days after receiving written notice of the indemnification request, Prime Supplier must advise the City as to whether or not it will defend the claim. If Prime Supplier does not assume the defense, the City shall assume and control the defense, and all defense expenses constitute an indemnification loss.

(b) Continued Participation. If Prime Supplier elects to defend the claim, the City may retain separate counsel to participate in (but not control) the defense and to participate in (but not control) any settlement negotiations. Prime Supplier may settle the claim without the consent or agreement of the City, unless it (i) would result in injunctive relief or other equitable remedies or otherwise require the City to comply with restrictions or limitations that adversely affect the City, (ii) would require the City to pay amounts that Supplier does not fund in full, (iii) would not result in the City's full and complete release from all liability to the plaintiffs or claimants who are parties to or otherwise bound by the settlement.

19.0 WORKER'S COMPENSATION INSURANCE:

On any City award with a labor component or any award where Supplier delivery people make deliveries for City sites, Worker's Compensation Insurance as shown in the Insurance Section is required.

20.0 INSURANCE:

20.1 If performance of this award requires Supplier to provide labor in addition to supplies, labor and materials, the Supplier shall have and maintain in effect insurance coverage and furnish certificates of insurance showing the City as an additional insured, in duplicate form, prior to the beginning of the award. The City shall be named as an additional insured on all such policies except Worker's Compensation. **The issuer of any policy shall have a Certificate of Authority to transact insurance business in the State of Texas or have a Best's rating of at least B+ and a Best's Financial Size Category of Class VI or better, according to the most current edition of Best's Key Rating Guide, Property-Casualty United States.** Comprehensive General Liability including Contractual Liability and Automobile Liability insurance shall be in at least the following amounts: Automobile Liability Insurance for autos furnished or used in the course of performance of this award including Owned, Non-owned, and Hired Auto coverage

GENERAL TERMS AND CONDITIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

20.0 INSURANCE (CONTINUED):

(Any Auto coverage may be substituted for Owned, Non-owned and Hired Auto coverage.) If no autos are owned by Supplier, coverage may be limited to Non-owned and Hired Autos. If Owned Auto coverage cannot be purchased by Supplier, Scheduled Auto coverage may be substituted for Owned Auto coverage. EACH AUTO USED IN PERFORMANCE OF THIS AWARD MUST BE COVERED IN THE LIMITS SPECIFIED - \$1,000,000.00 Combined Single Limit.

20.2 Worker's Compensation including Broad Form All States endorsement shall be in statutory amount.

20.3 All insurance policies required by this award shall require on their face, or by endorsement, that the insurance carrier waive any rights of subrogation against the City, and that it shall give thirty (30) days written notice to the City before they may be cancelled. Within such thirty (30) day period Supplier, covenants that it will provide other suitable policies in lieu of those about to be cancelled so as to maintain in effect the coverage required under the provisions hereof. Failure or refusal of the Supplier to obtain and keep in force the above-required insurance coverage shall authorize the City, at its option, to terminate this award at once.

20.4 ONLY UNALTERED ORIGINAL INSURANCE CERTIFICATES, EXCLUDING ANY ALTERATION AND INITIALS REGARDING CANCELLATION WHICH IS MADE TO MEET CITY REQUIREMENTS, AS ENDORSED BY THE UNDERWRITER ARE ACCEPTABLE. PHOTOCOPIES ARE UNACCEPTABLE.

21.0 SUCCESSORS AND ASSIGNMENTS:

Supplier may not assign this award or dispose of substantially all of its assets without the written consent of the City Purchasing Agent. Supplier's failure to obtain such consent shall be an event of default, authorizing the Purchasing Agent to terminate this award according to its terms.

22.0 MINORITY AND WOMEN BUSINESS ENTERPRISES:

22.1 These provisions apply to goal-oriented contracts. A goal oriented contract means any contract awarded for the supply of goods or non-professional services of approximately \$100,000.00 for which competitive bids are required by law and which the City Purchasing Agent has determined to have City of Houston Certified MWBE subcontracting potential.

22.2 Prime Supplier agrees to comply with the City's Minority and Women Business Enterprise programs as set out in Chapter 15, Article V of the City of Houston Code of Ordinances insofar as such programs apply to this Contract. Prime Supplier further agrees that it will make good faith efforts to award subcontracts or supply agreements in at least **3%** of the value of this Contract to Minority and Women-owned Business Enterprises certified by the City's Affirmative Action Division. In addition, Prime Supplier acknowledges that it has reviewed the requirements for good faith efforts that are on file with the City's Affirmative Action Division, is familiar with such requirements, and will comply with them.

22.3 Prime Supplier shall require written subcontracts with all MWBE subcontractors and suppliers, which must contain the terms, set out in the documents attached herein. If Prime Supplier is an individual person (as distinguished from a corporation, partnership, or other legal entity), and the amount of the subcontract is \$50,000 or less, then the subcontract must also be signed by the attorneys of the respective parties.

22.4 Refer to the "City of Houston Goal-Oriented Minority and Women Business Enterprises Contract Provisions" attachment, which is incorporated in the specifications herein by this reference for all purposes, for more detailed information on this requirement.

23.0 TAXES:

The City is exempt from the Federal Excise and Transportation Tax, and the limited Sales and Use Tax. Unless the Bid Form or Specifications specifically indicate otherwise, the price bid must be net exclusive of above-mentioned taxes, and will be so construed. A Supplier desiring refunds of, or exemptions from, taxes paid on merchandise accepted by the City, must submit the proper forms, and the City Purchasing Agent, if satisfied as to the facts, will approve or issue the necessary certificates.

GENERAL TERMS AND CONDITIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

24.0 AWARD:

- 24.1 The City reserves the right to consider and make awards of bids on articles of similar nature that will in all respects serve the purpose for which the purchase is being made. The City reserves the right to be the sole judge as to whether such articles will serve the purpose.
- 24.2 Unless otherwise specified, the City reserves the right to accept or reject in whole or in part any bid submitted or to waive any informality for the best interest of the City.

25.0 REJECTIONS:

- 25.1 Articles not in accordance with samples and specifications must be removed by the Supplier and at his expense. All disputes concerning quality of supplies delivered under this invitation to bid will be determined by the City Purchasing Agent or designated representative.
- 25.2 All articles enumerated in the invitation to bid shall be subject to inspection on delivery by an officer designated for the purpose and if found inferior to the quality called for, or not equal in value to the Department's samples, or deficient in weight, measurements, workmanship or otherwise, this fact shall be certified to the City Purchasing Agent who shall have the right to reject the whole or any part of the same.

26.0 BRAND NAME:

Any manufacturer's names, trade names, brand names, or catalog numbers used in the specifications are for the purpose of describing and establishing the general quality level, design and performance desired. Such references are not intended to limit or restrict bidding by other Suppliers, but are intended to approximate the quality design or performance, which is desired. Any bid, which proposes like quality, design or performance, will be considered. Equivalent products will be considered, provided a complete description and product literature is provided. Unless a specific exception is made, assumption will be that the item is bid exactly as specified on the Invitation to Bid.

27.0 CHANGE ORDER:

- 27.1 At any time during the term of the award, the City Purchasing Agent or Director upon written authorization by the City Purchasing Agent may issue a Change Order to increase or decrease the scope of services or change plans and specifications, as he or she may find necessary to accomplish the general purposes of this award. The Supplier shall furnish the services or deliverables in the Change Order in accordance with the requirements of this award plus any special provisions, specifications, or special instructions issued to execute the extra work.
- 27.2 The City Purchasing Agent or Director upon written authorization by the City Purchasing Agent will issue the Change Order in substantially the following form:

CHANGE ORDER

TO: [Name of Supplier]
FROM: City of Houston, Texas (the "City")
DATE: [Date of Notice]
SUBJECT: Change Order under the award between the City and [Name of Supplier]

Subject to all terms and conditions of the award, the City requests that Supplier provide the following:

[Here describe the additions to or changes to the equipment or services and the Change Order Charges applicable to each.]

Signed:
[Signature of City Purchasing Agent or Director upon written notice to the City Purchasing Agent]

- 27.3 The City Purchasing Agent or Director upon written authorization by the City Purchasing Agent may issue more than one Change Order, subject to the following limitations:
 - 27.3.1 Council expressly authorizes the City Purchasing Agent or Director upon written authorization by the City Purchasing Agent, to approve a Change Order of up to \$25,000. A Change Order of more than \$25,000 over the approved awarded amount must be approved by the City Council.

GENERAL TERMS AND CONDITIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

27.0 CHANGE ORDER (CONTINUED):

27.3.2 If a Change Order describes items that Supplier is otherwise required to provide under this award, the City is not obligated to pay any additional money to Supplier.

27.3.3 The total of all Change Orders issued under this section may not increase the original award amount by more than 25%.

27.4 Whenever the Supplier receives a Change Order, Supplier shall furnish all material, equipment, and personnel necessary to perform the work described in the Change Order. Supplier shall complete the work within the time prescribed. If no time for completion is prescribed, Supplier shall complete the work within a reasonable time. If the work described in any Change Order causes an unavoidable delay in any other work Supplier is required to perform, Supplier may request a time extension for the completion of the work. The City Purchasing Agent's or Director's decision regarding a time extension is final.

27.5 A product or service provided under a Change Order is subject to inspection, acceptance, or rejection in the same manner as the work described in the original award and is subject to the terms and conditions of the original award as if it had originally been a part of the award.

28.0 TERMINATION OF AWARD:

28.1 By the City for Convenience:

The City Purchasing Agent may terminate this award at any time upon 30-calendar days notice in writing to the Supplier. Upon receipt of such notice, Supplier shall, unless the notice directs otherwise, discontinue all services in connection with the performance of the award and shall proceed to cancel promptly all existing orders and awards insofar as such orders and awards are chargeable to this award. As soon as practicable after the receipt of notice of termination, the Supplier shall submit a statement to the appropriate department(s) showing in detail the services performed or items delivered under this award to date of termination. The City agrees to compensate the Supplier for that portion of the prescribed charges for which the services were actually performed or items delivered and not previously paid.

28.2 By the City for Default by Supplier:

28.2.1 In the event that the materials and/or services furnished by the Supplier do not conform to the standard set forth herein, or if the deliveries and servicing of this award do not conform to the requirements detailed herein, the City through a written notice from the Purchasing Agent to the Supplier describing such default may as its options:

(a) Terminate the award for default and the City shall have no further obligation.

(b) Allow the Supplier to cure default within a reasonable time as specified in the notice. The City, at its sole option, may extend the proposed date of termination to a later date. If prior to the proposed date of termination, Supplier cures such default to the City's satisfaction, then the proposed termination shall be ineffective. If Supplier fails to cure such default prior to the proposed date of termination, then the City may terminate its performance as of such date and have no further obligation under the award.

28.2.2 In the event of failure to deliver any or all of the items or to perform required services, the City may cover its loss by reasonably procuring from another source the items not delivered or the services not performed. Supplier shall be responsible for and shall pay to the City immediately upon demand the difference in price between that offered by the Supplier and that which the City was forced to pay for covering Supplier's failure to deliver or perform services.

28.3 By the Supplier for Default by City:

28.3.1 Default by the City shall occur if the City fails to perform or observe the terms and conditions of the award required to be performed or observed by the City, and the Supplier gives notice in writing to the City within 30 calendar days of the act or omission claimed by the Supplier to constitute default on the part of the City.

GENERAL TERMS AND CONDITIONS FOR REMOTE ACTIVATED SCHOOL FLASHER SYSTEM PARTS FOR VARIOUS DEPARTMENTS, CONTINUED:

28.0 TERMINATION OF AWARD (CONTINUED):

28.3.2 Upon receipt of such notice in writing from the Supplier, however, the City shall have 30 calendar days to cure such default. The Supplier, at its sole option, may extend the proposed date of termination to a later date.

28.3.3 If City cures such default prior to the proposed date of termination, the proposed termination shall be ineffective. If the City fails to cure such default prior to the proposed date of termination, then the Supplier may terminate its performance as of such date.

29.0 PATENTS:

The Supplier agrees to indemnify and save harmless the City, the City Purchasing Agent and assistants from all suits and actions of every nature and description brought against them or any of them, for or on account of the use of patented appliances, products or processes, and he shall pay all royalties and charges which are legal and equitable. Evidence of such payment or satisfaction shall be submitted, upon request of the City Purchasing Agent, as a necessary requirement in connection with the final estimate for payment in which such patented appliance, products or processes are used.

30.0 SUPPLIER DEBT:

If Supplier, at any time during the term of this award, incurs a debt, as the word is defined in section 15-122 of the Houston City code of ordinances, it shall immediately notify the City Controller in writing. If the City Controller becomes aware that Supplier has incurred a debt, she shall immediately notify Supplier in writing. If Supplier does not pay the debt within 30 days of either such notification, the City Controller may deduct funds in an amount equal to the debt from any payments owed to Supplier under this award, and Supplier waives any recourse therefore.