



Maryanne Corder Neighborhood Grant Application FY 2024/2025

Created in 1994, this grant funds neighborhood-initiated projects designed to benefit all community members. It is named in recognition of the founder and first director of the city's Neighborhood Services Program. Applications must be submitted by 5 p.m. on April 22, 2024.

Name of association	# of households
Raintree Estates	118
Project location and major cross streets	
Entrance at Rural Rd and Secretariat	
Primary contact for grant follow up (please specify role i.e. Chair, board member, treasurer, resident)	Authorizing individual, if different (will accept funds, sign contract – for HOAs typically Community Property Manager)
[Redacted]	
Primary contact email	Authorizing individual email
[Redacted]	
Primary contact phone number	Authorizing individual phone number
[Redacted]	
Primary contact address (include zip)	Authorizing individual address
[Redacted]	

1. Project description: Describe your project in no more than three sentences.

Raintree Estates would like to install solar lighting for the front monument at the community entrance at Rural Rd and Secretariat. There are 2 monuments (north and south sides of Secretariat).

2. Project Budget (include sales tax)

Expenses	Amount
2 solar monuments lights and 4 solar coach lights installed by TAP Electrical	\$ 5000
	\$
	\$
	\$
	\$
	\$
Required match (HOA & Crime-Free Multi-Family Housing projects only) 25% of project total:	\$
	Grant funds requested: \$ 5000
	Total project cost: \$ 5000

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3. Staff contacts Please select all staff that you have met with and/or contacted:

Neighborhood Services staff :

Brenda Clark, Elizabeth Thomas, Shauna Warner

Art: Sarah Nieto

Landscape/Lighting/Walls: Michelle Dahlke@tempe.gov

Parks/Playground: Dave McClure

Signs: Mike Scarpitta

Trees: Richard Adkins

Traffic Calming: Cathy Hollow

Water Conservation: Conservation@tempe.gov

Other: Shawn Thompson

4. Narrative—applications are evaluated based on how well the project meets the below criteria.

Ability: If approved for funding, briefly describe your ability to complete the project in a year and how it will be maintained in the future.

The selected contractor will be able to complete the project within the calendar year, pending City of Tempe scheduled landscaping refresh. Maintenance will include cleaning the solar panels from dust and debris every 6 months, and replacing the batteries as needed (about every 4-6 years)

Community Impact, Outreach and Outcomes: How does your project plan demonstrate meaningful and varied efforts to increase neighbor participation and include diverse participants? Share how your outreach process and strategies are and will continue to be as intentional and inclusive as possible. Describe how your project will impact the neighborhood/community and the desired outcome. (i.e. better health due to more physical activity or public art promoting community identification and pride)

Professionally installed lighting is necessary for this front entrance to our community for safety and aesthetic purposes. The street lighting is set away from the monuments and do not directly shine upon the signs, making the entrance dimly lit. There have been several instances where cars have crashed into the wall at the entrance, possibly due to not seeing the neighborhood and turning too late. The permanently installed solar lighting will also increase the aesthetics of the neighborhood, increasing neighborhood pride and community spirit.

Raintree residents were emailed on January 12, 2024 notifying the neighbors that there is a grant available and that we are considering applying for a grant for the front entrance. This email asked if anyone wanted to be involved in the process or provide input.

A committee of neighbors met on 1/23/24, 2/6/24, 3/7/24 and 4/2/24 to discuss the process and provide input.

On 2/2/24, Shawn Thompson from City of Tempe met a group of residents at the front entrance to discuss lighting and the upcoming landscape refresh.

On March 16, 2024, the neighborhood held an annual Spring Social at which a sign up sheet was displayed notifying the attendees of the upcoming grant application for solar lighting and a sign up for anyone interested in being part of the planning process.

On 4/5/24, Raintree residents were emailed an update on the grant application and the plan for solar lighting at the entrance, also offering input.

TAP and Sons Electric, Inc.

PO Box 804
Gilbert, AZ 85299
www.tapelectric.com

Estimate

480-507-2900

ROC 247563 CR-11
License

Date	Estimate #
4/17/2024	18174892

Name / Address
Georgina Bristow
[REDACTED]
[REDACTED]

Project	
Ship To	

Terms
65% due to start

P.O. No.

Description	Qty	Rate	Total
HOA monument entrance E. Secretarial Dr / Rural Road	2	1,500.00	3,000.00
1/S (2) new solar 39 inch LED, \$600k. commercial grade all in one fixtures. One per monument sign			
1/S concrete footing per each monument sign light			
1/S (4) new wall mount solar lights	4	500.00	2,000.00
Two per each side of monument sign mounted rock pillars			
Exclude: Landscape repair. Sprinkler repair. Customer must keep clean for the best performance. Batteries warranted for one year parts.			

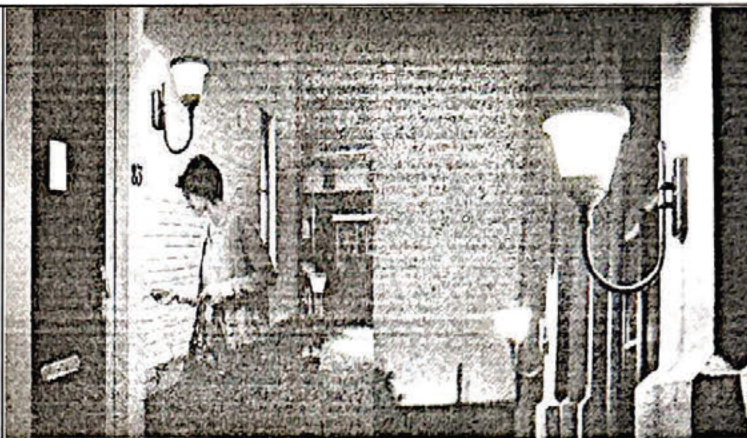
Total	\$5,000.00
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Having the authority to authorize the above work in doing so I agree the TAP and Sons Electric Inc retain title to the materials until invoice is paid in full. I hereby acknowledge the satisfactory completion of the described work, unless written arrangements are agreed upon prior to the start of work. A finance charge of 1.5% is added per month to any unpaid balance not paid within 30 days. A \$35.00 fee will be charged for any returned check unpaid. If payment is not made and account is referred for collections, patron will pay all reasonable collections and legal costs incurred.

WARRANTY: Parts as per manufacture limited warranty and 2 year on residential and 1 year on commercial on workmanship as stated on invoice based on R.O.C of Arizona. There will be a 3.5% additional amount added to invoice if paying with Credit Card

SIGNATURE _____ DATE _____

Solar LED Wall Light - "Double PC" Model



Package	Qty/Cartron (PCS)	2PCS/Cartron	N. W.: (KG)	3.5KGs
	Cartron Size (MM)	530(L)*335(W)*490(H) MM	G.W.: (KG)	4.7KGs

LED Power(W)	5W
LED Chips	SMD3528 LED Chip
LED Color Temperature(K)	3,000K / 6,000K
Mono Solar Panel(W)	4.5W, 5V
LiFePO4 Battery Capacity(MAH)	7,000MAH, 3.2V
Charging Time(H)	4 - 5 Hours by Bright Sunlight
Discharging Time(H)	>3 Nights after LiFePO4 Battery is Fully Charged
Lighting Cover Areas(sqm)	5sqm - 10sqm
Switch	Built-in Hidden Waterproof Switch
Main Material	Die-casting Aluminum + PC
Product Size(MM)	240(L)*240(W)*450(H)MM
Waterproof Grade	IP65
Working Temperature(°C)	(-)25°C ~ 60°C
Warranty	2 Years

Lighting Mode	Turn on at night and turn off at day automatically	



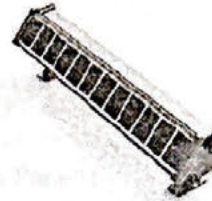
LIGHTING SouthWest

Bid Project Name
LSW-SWI-03 - LSW-SLL-17
Type
Solar Wall Washer

FEATURES

- All-Aluminum Case with Strong and Elegant Patent design
- Multi-functional for Wall Washer, Advertising Lighting, Building & Bridge Decoration, Plant Landscape Decoration, Fence Light ect. Wide Range of Applications
- Adjustable Angle to Change the Lighting & Decorating Area
- Customizable Colors based on requirements

3000K

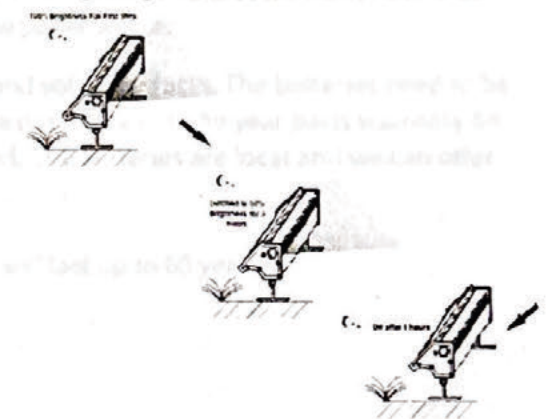


5000K



Light Source:	LED
Item Type:	Wall Washers
Input Voltage	22.2v
Lamp Power	4W
Lamp Luminous Flux	200lm - 400lm
Lamp Luminous Efficiency(lm/w)	100
CRI (Ra>):	85
Color Temperature(CCT):	Pure White
Working Temperature:	-13°F - 149°F
Working Lifetime:	80,000
Lamp Body Material:	Aluminum Alloy
IP Rating:	IP65
LED:	3000K - 5000K
Battery:	Li-Ion battery
Solar Panel:	7.5 W 5.5V
Solar charging time:	6~7 hours by bright sunlight
Lighting time:	Over 3 nights

How's the light working?





Congratulations on your new Solar Products. Here are some pointers to get the most out of the fixture:

Solar Panels:

Solar panels must be kept clean. Depending on how dirty your area is, and how much contact with wild life, your panels may need to be cleaned often. Regular inspections are recommended to ensure they are kept clean for maximum performance. The panels will continue charging for 10 plus years if properly cared for. The panel holds the photo sensor to turn the product on and off. We do offer cleaning service upon request.

Sunlight:

The sun is the power source. We rely on this source to charge the solar batteries and light the way. The sun needs to be in direct contact with the clear panel to charge the internal parts so it can light up at night.

Shade:

Shade will not allow the panels to get a full charge, even though sun rays penetrate through the leaves, the panels need direct sunlight. Over grown brush, trees, structures, dirt, and wild life can hinder the panels from getting a full charge.

Summer months vs Winter months:

Summer months are the solar fixtures best friend. The sun rides high in the sky and gives the fixtures a chance to charge completely. After a full charge is obtained, the fixtures will only require a few hours a day to recharge. In winter months, the sun is low and there is more shade. Cloudy and rainy days will occur as well, during these times the fixtures will not receive a full charge, which is expected since the direct sun is the power source.

Solar Batteries:

The solar batteries are Lithium batteries. These are most common with EV and solar products. The batteries need to be charged and discharged for full life. The clean unshaded panels will achieve this. There is a one year parts warranty on the batteries themselves. The average battery life is 3-7 years if maintained. The batteries are local and we can offer service on them.

LED bulbs:

These are diodes. There are no bulbs to replace. The LEDs will last up to 60 years.

Sign _____ Date _____

Print _____ Date _____

Property name _____

March 14, 2024

Regina Lopez
Raintree Estates Community
W of S. Rural Rd. & E. Secretariat Dr.
Tempe, AZ 85284

RAINTREE ESTATES MONUMENT LIGHTING SYSTEMS PROPOSAL

Dear Regina:

SolarKing, Inc. (SolarKing®) is pleased to present this proposal to furnish and install **TWO (2)** of SolarKing's solar-powered **MONUMENT** lighting systems at selected monument walls for the **RAINTREE ESTATES** community which is located west of the intersection of South Rural Road and East Secretariat Drive in Tempe, AZ. The proposed systems will use LED lighting technology; however, it needs to be pointed out that the visibility of signage is significantly affected by the size, colors, and materials of the signage (i.e., dark-colored letters may not illuminate as well as light-colored letters).

One (1) of the proposed identical systems is described below and consists of three subsystems: 1) the solar module; 2) the system controller and battery; and 3) the LED lights.

1. **Solar Module** – One (1) 90-Watt module with a ten (10) year manufacturer's warranty.
2. **Controller / Battery**
 - Controller – Morningstar SunLight 10L. This controller incorporates a low-voltage disconnect and a charge controller (both of which protect and extend the life of the battery) and an internal on/off light control circuit (no exposed photo-cell) with a dusk-to-dawn setting. The SunLight 10L is a fully-sealed unit with a five (5) year manufacturer's warranty.
 - Battery – 75AH AGM battery with a two (2) year manufacturer's warranty.
3. **LED Lights** – Two (2) 2-Watt lights, installed in vandal-resistant cages, will be used for this system. These are the FX Luminaire QBILED light fixtures (not SolarKing's proprietary light fixtures in order to comply with the City of Tempe's grant guidelines). LED lights are extremely durable, unaffected by cold, and can have a 10-year life span. Two (2) year warranty against workmanship defects (vandalism, theft, etc. excluded).

Installation – The module will be pole-mounted (with a tilt), approximately 17' above-grade, in an area that provides full sunlight throughout the day. Installing the solar module on this tall pole can help significantly reduce incidents of vandalism or theft. It is important to note that if any trees or other landscaping cause the module to be partially or fully shaded this will negatively impact system performance. It is also important that shrubbery or bushes are not allowed to grow between the light fixtures and the signage. The battery and controller will be installed in an electrical enclosure mounted to the nearby block wall. Installation will be completed within eight (8) weeks of receipt of written acceptance of this proposal and receipt of the upfront fifty-percent (50%) payment.

System Price – The installed price for each of the monument lighting system, including vandal-resistant cages, is \$2,290.00. The total installed price for two (2) of these systems is \$4,580.00. Currently there are no taxes on these systems. Government-imposed fees and related costs (if any) will be additional.

Terms and Conditions of Sale – The contents of this proposal and the pricing herein are expressly subject to acceptance of Attachment A, Terms and Conditions of Sale, which is incorporated herein and made an integral part of this proposal.

This proposal will remain effective through May 31, 2024. Please call me at (623)780-9800 if there are any questions. If you desire to proceed, please sign/scan/e-mail the proposal to Erik@SolarKing.com.

Sincerely,



Authorized/approved: Raintree Estates Community

By: _____

Name: _____

Title: _____

Date: _____

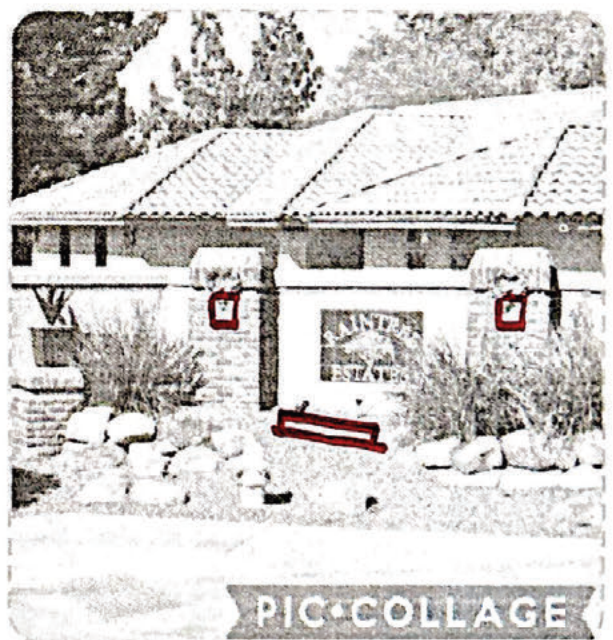
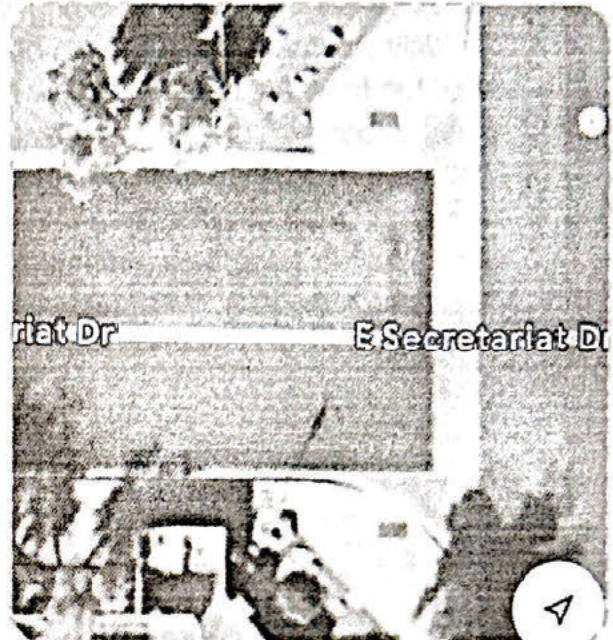
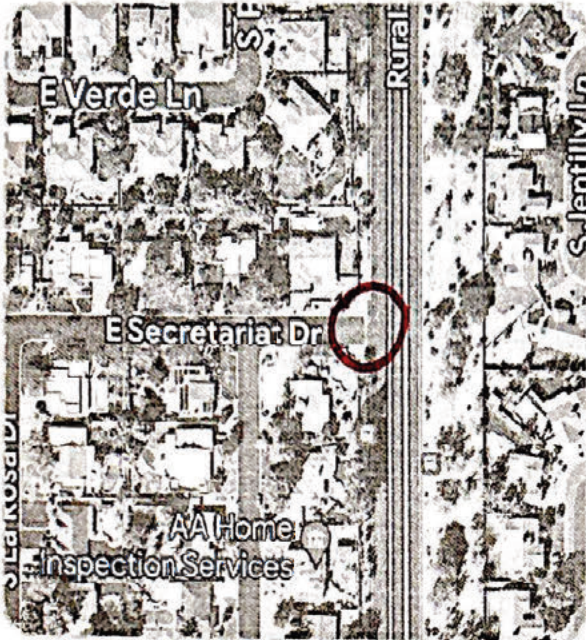
ATTACHMENT A
SOLARKING SOLAR-LIGHTING PROPOSAL FOR THE
RAINTREE ESTATES COMMUNITY
(031424)

TERMS AND CONDITIONS OF SALE

With respect to the proposal identified above, Seller (SolarKing, Inc) and Buyer (Raintree Estates Community) agree as follows:

1. Payment: Buyer agrees to pay fifty-percent (50%) of the total amount ordered within fifteen (15) days of Buyer's authorization to proceed. The remaining fifty-percent (50%) shall be due and payable within fifteen (15) days of Seller's written notice-of-completion letter to Buyer that the system(s) have been installed and are fully operational.
2. Workmanship: Seller shall fabricate, assemble, and install each system using normally accepted fabrication, assembly, and installation techniques. In the event that Seller fails to do so and provided that Buyer gives prompt written notice to Seller within one (1) year from the date of installation of the particular system in question, Seller shall promptly re-fabricate, re-construct, and/or re-install that system at Seller's cost and expense. Other than the warranties provided by the component manufacturers, Seller's reperformance of its work as described herein shall be Buyer's sole and exclusive remedy.
3. Liability: Seller and Buyer expressly agree that in no event shall either party be liable to the other for incidental, indirect, or consequential losses or damages regardless of the cause. Seller and Buyer further expressly agree and that the total liability of either party to the other with respect to the work/services set forth in the proposal shall not exceed the lesser of the cost of the system(s) in question or the total cost of all systems installed hereunder.
4. Warranty / Repair Work: Warranty periods are as specified in the proposal. If Buyer has system warranty and/or repair work performed by a third party, any remaining warranty on the system(s) shall be voided.
5. Concealed Conditions: In the event that during the installation Seller encounters conditions that are not reasonably observable at the time of proposal submittal or are not typical for the immediate geographical area, Seller shall promptly notify Buyer in writing of such conditions and any schedule and/or pricing impact. The parties agree to use commercially reasonable efforts to establish a revised schedule and/or price as appropriate. Seller will use reasonable care to avoid any underground sprinkler or irrigation lines. In the event that Seller breaks or damages such lines, Seller will use reasonable efforts to repair the break or damage; however, it may be necessary for Buyer's maintenance personnel or contractor to repair such damage at Buyer's expense.
6. Force Majeure/Uncontrollable Delays: Seller shall exercise due diligence in the performance of its obligations under the proposal. In the event that Seller is delayed in its performance by events beyond its reasonable control Seller shall promptly notify Buyer of the circumstances of the delay and any impacts resulting therefrom and a day-for-day adjustment shall be made to the schedule. Buyer shall not be liable for any additional charges related to the delay(s) unless expressly agreed by Buyer.
7. Insurance: Seller shall carry a CGL insurance policy in the amount of \$1,000,000.00. Seller shall have Buyer named as additional insured upon the policy at Buyer's request.

(End Attachment A)



From: Margo Ingram [REDACTED]
Subject: Raintree Neighborhood Entrance Improvements
Date: Jan 12, 2024 at 8:45:00 AM

Good Morning Neighbors,
Hope everyone has had a great week. I have been contacted by a few of our neighbors regarding the neighborhood entrance on Rural and Secretariat. Anything we do at the entrance is our responsibility as a neighborhood and there are grants available from the City of Tempe for things like this to get done. I wanted to send the word out to see if any of you are interested in being on a committee to discuss possibilities for updating the lighting and landscape along with applying for any grants that might be available to us. If you are interested, please respond to me through this email or feel free to give me a call with any questions. We will plan to get a group together so that we can start working towards getting something done soon.

Thank you! Have a great weekend!

Margo

[REDACTED]
[REDACTED]

[REDACTED]

Date: Jan 16, 2024 at 8:17:49PM

Hi Neighbors! If you are receiving this, that means you responded to my email regarding being involved in some way with the planning for trying to improve our Raintree Estates entrance. Not everyone in this group is available for meetings however I wanted to include anyone who expressed interest so that you all could be up to date on what we are planning and when. I am happy to continue to communicate between the group and the neighborhood and I will try to be at meetings or anything I can be but some of you have expressed interest in grant writing etc.... I think our best bet is to get together for an initial meeting and continue the planning from there. If you are willing to host the initial meeting, let me know and from there we can set a date. It would be great to try and get together in the next week or so. Thank you so much for being interested in these improvements! Look forward to getting together!

Margc Ingram

[REDACTED]

Sincerely,
Margc Ingram
625 E. Secretariat Dr.

From: Margo Ingram [REDACTED]
Subject: Raintree Neighborhood Grant and Entrance Plan Follow Up
Date: Apr 5, 2024 at 12:21:12 PM
To: Margo Ingram [REDACTED]

Hi Neighbors!

I wanted to follow up with all of you about our planning to improve our Rural Road entrance as well as the City of Tempe Neighborhood Grant. First, thank you to everyone who replied and has come to our planning meetings. We have had 5 meetings since our initial email and have had a great response! We know how busy everyone is. As always, we want as much input as possible from as many people as possible so that everyone feels comfortable with our plans.

First, we found out that the City of Tempe has a landscape "refresh" planned for our entrance this fiscal year so we will be working with them to make sure that the refresh is one that we can maintain and keep looking great.

Next, having learned about the "re-fresh" planned, our committee has decided that the neighborhood grant that we will be applying for, will involve solar lighting that will illuminate our entrance walls, making our street more visible and aesthetically pleasing all at the same time. This is an area that has not been addressed through the grant writing process so we are hopeful that the City will award us the funds necessary to have the lighting installed. We feel like the lighting along with the landscape "refresh" will clean up and brighten up our entrance.

We have some other plans that are in the making and so keep your eye out for an email regarding meetings in the next few months. We love our neighborhood and want to continue to keep it maintained for us all to enjoy.

Please feel free to reach out to me via phone, text or email if you have any questions.

Sincerely,
Margo Ingram
[REDACTED]