AUTHORIZED FEDERAL SUPPLY SERVICE SCHEDULE PRICELIST

GSA SCHEDULE 03FAC

Facilities Maintenance and Management

FSC Group	SIN	Description
R498	871-202	Energy Management Planning and Strategies
R498	871-209	Innovations in Renewable Energy
R498	871-211	Energy Consulting Services

BORREGO SOLAR

Borrego Solar Systems, Inc.

5005 Texas St. STE 400
San Diego, CA 92108-3725

Ph: 510-496-8710
Fax: 888-843-6778

http://www.borregosolar.com

Contract Number: GS-21F-0048Y

Contract Period: January 24, 2012 – January 23, 2017

Pricelist current through Modification #:PA-0004 dated: **1/15/2014**

Business Size: Other than small business

Contract Administrator: Michael Tea, mtea@borregosolar.com

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at http://www.fss.gsa.gov.

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!, a menu-driven database system. The INTERNET address to GSA Advantage! is: http://www.gsaadvantage.gov.

BORREGO SOLAR

About Borrego Solar Systems

Borrego Solar Systems, Inc. is a large, ever-expanding business that has over 30 years of industry experience and a dedicated research team that handles every aspect of solar power installations – including financing, technology evaluation, engineering and design, construction, monitoring, and ongoing maintenance and support – to ensure the most efficient and reliable solution.

As a result of successfully installing more than 1,000 solar energy solutions, we've developed the expertise and analytical tools needed to accurately predict system production and financial payback. We combine this proven methodology with unique integrated solar financing options and sophisticated technology sourcing to ensure that our solar power systems deliver the greatest possible return on investment.

In 2007, company executives moved to Massachusetts to establish a regional office just outside of Boston. Working very closely with the MA Renewable Energy Trust (now the Mass Clean Energy Center) to bring the State incentives to residential and commercial customers, Borrego Solar quickly became the market leader for solar in Massachusetts.

As of February 2009, we narrowed our focus and are now exclusively working on Commercial and Government solar energy installations. At the same time, we further expanded into the Mid-Atlantic region with operations in New York, New Jersey, and Pennsylvania.

The company transformed with the emergence of the California grid-tied solar market in 1999. Since that time Borrego Solar has specialized in grid-tied solar energy and has designed and installed more than 1000 PV solar power systems for commercial, residential, and government applications.

Please call us at (510) 496-8710 to find out more information about Borrego Solar Systems, Inc.

BORREGO SOLAR

Excellence in Past Performance

Santa Fe Springs Solar Projects

Overview

Outside of Los Angeles, California, the commercial property owners of these warehouse and distribution centers are tapping into a new source of revenue from the sun. As landlords, they're able to lease the space within their buildings to tenants, and through a partnership with solar developers who work in wholesales distributed generation (WDG), they're able to lease their rooftops as well. With no upfront cost to the property owners, a solar developer like Borrego Solar will design and construct a solar power installation on a roof or unused plot of land so they can sell electricity directly to the local utility. In return, the solar developer pays the property owners for the square footage used.

Installation

These two rooftop mounted solar power installations were constructed on the composite flat roofs of two separate warehouse and distribution centers in an industrial park in Santa Fe Springs. One installation is just over 1.3 MW DC and the other is just over 1.4 MW DC. Both arrays were completed with Yingli 235 watt modules mounted with Sunlink racking and wired to six Advanced Energy Solaron inverters. Borrego Solar's construction team created a unique wheeled cart in order to efficiently bring the solar modules from one side of the rooftop where the panels were craned to the other eliminating weeks of installation time. Physical construction for both projects was completed in three months.

Benefits

This solar power installation was privately financed by the commercial property owners. By partnering with Borrego Solar who designed, procured, and later constructed the projects, they were first submitted for award in the initial round of Southern California Edison's (SCE's) Solar PV Program. The SCE program is a reverse auction mechanism for wholesale distributed generation (commonly referred to as "behind the meter") projects that will produce electricity on privately held land or property for direct sale to the local utility. These two solar arrays are the first installations to be interconnected as part of the Southern California Edison's Solar PV Program. This is essentially a PPA with the utility. SCE gets to purchase the power the installations produce at a predetermined rate for a set period of time and they don't have to cover the upfront EPC costs

Carbon Dioxide Offset (annually): 5,294,709

Carbon Dioxide Offset (30 years): 158,841,296

Equivalent to the effect of removing 643 passenger vehicles from the road

Equivalent to the effect of planting 1,430 acres of trees

Nitrogen Oxide Emissions Offset (30 years): 153,044

Sulfur Oxide Emissions Offset (30 years): 331,596

BORREGO SOLAR

New Age Industries in Southampton, PA

Overview

NewAge Industries, an ESOP company, sells its tubing and hose products worldwide to markets such as pharmaceutical, chemical, food and beverage, medical, industrial, appliance, recreational and marine vehicles, semiconductor, aerospace, and many others. The company experienced record growth in 2010 and is committed to continued progress. Demand for its high purity products, sold primarily to the pharmaceutical industry, resulted in an employment increase of 20% from 2010-2011. The company's next improvement project, which began last month, involves replacing all the facility's windows with energy efficient styles.

Installation

The New Age installation of Southampton, PA is comprised of 4,123 American made Solar World PV panels, bringing it to just over one megawatt in size. At the time of its completion, the installation was the largest rooftop mounted PV solar energy system in Bucks County and the six largest solar array in Pennsylvania. Borrego Solar's installation crews worked through the winter in order to meet incentive program deadlines, and often times had to remove snow from the roof's surface in order to install the Sunlink ballasted racking. Stacks of panels were lifted to the roof, and then assembled onto the 314 racks, each one hosting 13 panels, and fixed at either 5° or 10° (due to varying roof surfaces) facing a few degrees west of due south for maximum exposure to the sun. Borrego Solar's Operations & Maintenance Team along with New Age Industries will be monitoring the system's production using a DAS monitoring service provided by Power-One.

Carbon Dioxide Offset (annually): 1,544,355

Carbon Dioxide Offset (30 years): 46,330,649

Equivalent to the effect of removing 188 passenger vehicles from the road

Equivalent to the effect of planting 417 acres of trees

Nitrogen Oxide Emissions Offset (30 years): 44,640

Sulfur Oxide Emissions Offset (30 years): 96,719

Benefits

The New Age Industries solar power installation was financed in part by a $1 million solar energy program grant from Pennsylvania's Department of Community and Economic Development, in addition to approximately $1.2 million in Federal funds through the 1603 Treasury Grant Program. In the end, New Age purchased the $4.2 million solar power installation for 52% off, and will recoup more of that investment through the sale of renewable energy credits.

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San Diego County Water Authority, CA

Overview

The San Diego County Water Authority (SDCWA) is a public agency serving the San Diego region as a wholesale supplier of water from the Colorado River and Northern California. The Water Authority works through its 24 member agencies to provide a safe, reliable water supply to support the region's $174 billion economy and the quality of life of 3.2 million residents.

Installation

SDCWA's solar power installations were installed in the parking lot and on the roof of the Water Authority's Kearny Mesa headquarters and its Fred A. Heilbron Operations Center in Escondido. The largest of the three solar energy systems was mounted using a first of its kind, black Sunlink ballasted racking atop several large water storage structures at their Twin Oaks Valley Water Treatment Plant north of San Marcos. The systems will generate enough renewable energy to meet 60% of the power needs for the Kearny Mesa and Escondido facilities and more than 25% of the power needs for the treatment plant.

Carbon Dioxide Offset (annually): 3,350,105

Carbon Dioxide Offset (30 years): 100,503,213

Equivalent to the effect of removing 407 passenger vehicles from the road

Equivalent to the effect of planting 905 acres of trees

Nitrogen Oxide Emissions Offset (30 years): 96,835

Sulfur Oxide Emissions Offset (30 years): 209,810

Benefits

The San Diego County Water Authority financed their solar power installation using Borrego Solar's integrated power purchase agreement (PPA). Per this agreement, Borrego Solar designed and constructed the solar electric installation on the three SDCWA locations, and will operate and maintain the solar energy systems for the 20 year contract term at no capital expense to SDCWA. In return, SDCWA agrees to purchase the clean renewable energy the installations produce at a predetermined below-the-grid rate. Based on the grid-rates at the time of the installation, SDCWA will save ratepayers over $1.7 million.

BORREGO SOLAR

Edwards Air Force Base, CA

Overview

At Edwards Air Force Base, the mission and the environment go hand-in-hand. The unique physical environment is what makes the desert such an ideal place for flight test activities. Helping the flight testers maintain access to air, land and water for testing and other operations, while not upsetting the delicate balance of the desert ecosystem, is the mission of the Environmental Management (EM) Directorate. Four main areas of environmental service and support are provided through the EM offices: cleanup, conservation, pollution prevention, and compliance. Personnel from all four areas actively work with regulatory agencies and the community in a spirit of cooperation and commitment to ensure the center accomplishes its mission without harming the environment.

Installation

The three solar ground mounted arrays at Edwards Air Force Base are each about 1.13 MW in size. Borrego Solar's Project Development team identified the three locations as ideal for solar, because of the electricity substations located at each site. Borrego's designers worked closely with the 95th Air Base Wing, 412th Test Wing, and Air Force Flight Test Center to ensure the project would not interfere with flight test missions. All three arrays were installed using Array Technologies single-axis ground mounted trackers that follow the trajectory of the sun throughout the day to maximize efficiency and energy production. In some cases Borrego Solar had to construct and install power lines in order to connect the completed installations directly to the base's power grid.

Monthly Production: 637,666 kWh

Annual Production: 7,652 MWh

30 Year Production: 229,560 MWh

Carbon Dioxide Offset (annually): 9,757,506 lbs

Carbon Dioxide Offset (30 years): 292,725,205 lbs

Equivalent to the effect of removing 1,185 passenger vehicles from the road

Equivalent to the effect of planting 2,634 acres of trees

Nitrogen Oxide Emissions Offset (30 years): 282,042 lbs

Sulfur Oxide Emissions Offset (30 years): 611,091 lbs

Benefits

Edwards Air Force Base's power requirement is approximately 30 megawatts at its peak. That means the three solar power installations combined will replace approximately 10% of the energy needed on base. The solar energy systems were financed by Borrego Solar's in-house power purchase agreement (PPA). Under the terms of the PPA, a third party (Borrego Solar), builds, designs, procures, and constructs the solar power installations, and in return, Edwards agrees to purchase the clean renewable energy produced at a negotiated competitive rate.

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Madera Community Hospital, CA

Overview

Madera Community Hospital (MCH) is a not-for-profit community health resource, dedicated to actively promoting and maintaining the health and well-being of more than 140,000 local residents throughout the county and beyond. They are committed to identifying and serving their community's needs with compassion, concern, care and safety for the individual. These ideals are what lead MCH to choose solar—a technology that is lowering their operating costs through energy savings so they can better utilize resources to treat patients.

Installation

The Madera Community Hospital commercial solar energy system is just over a megawatt in size and was installed on an empty plot of land adjacent to the hospital. The installation is interconnected with the hospital's existing electric infrastructure and made up of 4,872 Yingli 235 watt solar modules wired in 348 strings of 14 modules each. The ground-mount system uses Array Technologies Duratrack racking, allowing the panels to track the suns trajectory from dawn to dusk on a single axis. By tracking the sun throughout the day, the panels maintain an optimal azimuth during peak production times, increasing efficiency and energy production.

Benefits

The Madera Community Hospital (MCH) was financed using Borrego Solar's integrated power purchase agreement (PPA). Through this partnership, Borrego Solar agrees to lease the plot of land where the tracking solar energy system was built for the length of the PPA term. In return, Borrego Solar agreed to cover all the engineering, procurement, construction, and long term operations and maintenance costs of the project, and MCH agreed to purchase the clean renewable energy the solar power installation produces for 20 years at a previously negotiated, below-the-grid, rate. As a private entity, and the owner of the installation, Borrego Solar was able to monetize on the available California Solar Initiative (CSI) PBI rebates and the 1603 Treasury Grant so it could offer MCH energy savings on day one, without any capital investment on the hospital's part.

Carbon Dioxide Offset (annually): 2,783,949

Carbon Dioxide Offset (30 years): 83,518,495

Equivalent to the effect of removing 338 passenger vehicles from the road

Equivalent to the effect of planting 752 acres of trees

Nitrogen Oxide Emissions Offset (30 years): 80,470

Sulfur Oxide Emissions Offset (30 years): 174,352

BORREGO SOLAR

Easthampton Landfill, MA

Overview

Easthampton is a model small city of the 21st century, fostering innovation with a mill-town soul. As one of the Department of Energy Resources (DOER) designated Green Communities, Easthampton has taken great strides towards becoming a clean energy leader in Massachusetts, and with their solar installation, one of the largest and first of its kind in the state, the city is taking advantage of an otherwise unusable landfill resource to add revenue to the municipality's general fund.

Installation

The ground-mounted solar array on top of the Easthampton Landfill covers nearly 16 acres of land that was providing no appreciable benefit to the community. The solar energy system consists of 9,620 Yingli solar modules wired into 740 strings of 13 modules each affixed to Solar Flex Rack systems. Borrego Solar's engineers were challenged with designing the installation to be grounded on concrete ballast blocks, each weighing 5,000 lbs. The reason for this is, because the protective membrane, or cap, of the landfill could not be penetrated by support beams and structures that are used in traditional ground-mounted solar energy systems. Additionally, structural engineers determined a weight per square foot limitation that dictated the size of the concrete blocks the racking was installed on. This weight restriction required the use of special crane and trucking equipment on the property as well.

Monthly Production: 235,666 kWh

Annual Production: 2,828 MWh

30 Year Production: 84,840 MWh

Carbon Dioxide Offset (annually): 3,606,146 lbs

Carbon Dioxide Offset (30 years): 108,184,380 lbs

Equivalent to the effect of removing 438 passenger vehicles from the road

Equivalent to the effect of planting 974 acres of trees

Nitrogen Oxide Emissions Offset (30 years): 104,236 lbs

Sulfur Oxide Emissions Offset (30 years): 225,845 lbs

Benefits

The solar PV project, broke ground in September of 2011, and will generate enough power to supply electricity for 20% of the municipal buildings in Easthampton. Under a Power Purchase Agreement (PPA) with Borrego Solar, the City will recognize benefits through the purchase of discounted energy. For the duration of the 10 year PPA term, Easthampton will pay $0.06/kWh and has the option to extend the contract, purchase the solar power installation, or have it removed at year 11. The reduced cost per kWh of energy is estimated to save Easthampton over $1.4 million dollars in 10 years, and that's without making any capital investment upfront.

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Herring Properties, NJ

Overview

After some $9 million in capital expenditures over a two-year period, JER Partners/Herring Properties turned the 20 year old commercial office building at 23 Orchard Road in Skillman, NJ that was in disrepair into a Class A corporate facility that is nearly 100% leased. The building boasts tenants such as Johnson & Johnson, Oscient Pharmaceuticals, Blessing-White, and Twin Hens.

There are over 800 people working full-time at the facility. The building was practically empty just before the construction began a few years earlier. As part of the overall scope of work completed, Herring Properties installed new programmable HVAC controls and rooftop units; renovating common areas including the lobby, cafeteria/bistro, health club and restrooms; using LEED certified recycled green products on all improvements, and installed a solar energy system adjacent to the building.

Installation

The footprint of the existing office building and surface area parking take up 240,000 square feet. It was decided a larger and less expensive installation could be installed on the empty floodplain at the rear of the property rather than on the roof (insufficient space) or parking lot (required complete reconfiguration). This required Borrego Solar and Herring Properties to work closely with the Montgomery Township and local commissions to prove the merit of installing solar on the floodplain. The completed installation used Solar Flex Rack ground-mount fixed-tilt racking to hold 4,758 Yingli 260 watt modules strung to two Advanced Energy Solaron 500 kW inverters. The 1,237,080 kW PV system covers nearly six acres of land and the lowest solar module component sits at a minimum of one foot above the NJ Flood Hazard line.

Benefits

Power to the office building was intermittent causing multiple outages and voltage drops during high peak times. The solar array provides 40% of the building's energy consumption, providing for consistent power during the high demand times such as summer days when the sun and heat are strong. The installation was purchased entirely by Herring Properties, and 65% of the installation cost was offset by the New Jersey PSEG Solar Loan Program.

Carbon Dioxide Offset (annually): 2,183,467

Carbon Dioxide Offset (30 years): 65,504,023

Equivalent to the effect of removing 253 passenger vehicles from the road

Equivalent to the effect of planting 563 acres of trees

Nitrogen Oxide Emissions Offset (30 years): 60,223

Sulfur Oxide Emissions Offset (30 years): 130,483

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Customer Information

1a. Table of Awarded special item numbers with appropriate cross-reference to item descriptions and awarded prices

SIN	DESCRIPTION	PAGE
871-202	Energy Management Planning and Strategies	Attachment III
871-209	Innovations in Renewable Energy	Attachment III
871-211	Energy Consulting Services	Attachment III

1b. Identification of the lowest priced model and lowest unit price for that model for each special item number awarded in the contract

SIN	NAME	GSA NET PRICE
871-202	Applications Engineer I	$104.74/hour
871-209	High Roof Access - 1MW and above	$0.02 kW
871-211	Applications Engineer I	$104.74/hour

1c. Description of Proposed Hourly Rates

See description of proposed hourly rates below at Attachment III.

2. Maximum Order

ALL SINS: $1,000,000

3. Minimum Order

All SINS: 75 kilowatt

4. Geographic Coverage

48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, D.C., and U.S. territories

5. Points of Production

Borrego Solar Systems, Inc.

5005 Texas St. STE 400

San Diego, CA 92108-3725

6. Discount from list prices or statement of net price

Government net prices (discounts already deducted). See Attachments I & II.

7. Quantity discounts

0.5% (orders $500,000 and more)

8. Prompt payment terms

Net 30 days

9a. Notification that Government purchase cards are accepted at or below the micro-purchase threshold

Government purchase cards are accepted at or below the micro-purchase threshold.

9b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold.

Government purchase cards are accepted above the micro-purchase threshold.

10. Foreign Items

None

11a. Time of Delivery

Determined at the task order level.

11b. Expedited Delivery

Determined at the task order level.

11c. Overnight and 2-day delivery

Determined at the task order level.

11d. Urgent Requirements.

When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering agency, agencies are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering agency, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.

Ordering agencies may also contact the Contractor to effect a faster delivery.

12. F.O.B. Points

Domestic delivery to the 48 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, D.C., and U.S. territories.

13a. Ordering Address

Borrego Solar Systems, Inc.

5005 Texas St. STE 400

San Diego, CA 92108-3725

13b. Ordering Procedures

For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3.

14. Payment Address

Borrego Solar Systems, Inc.

5005 Texas St. STE 400

San Diego, CA 92108-3725

15. Warranty Provision

Standard commercial warranty.

16. Export packing charges

Not applicable.

17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level).

Contact Contractor.

18. Terms and conditions of rental, maintenance, and repair

Not applicable.

19. Terms and conditions of installation

Contact Contractor.

20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices

Not applicable.

20a. Terms and conditions for any other services

Not applicable.

21. List of service and distribution points

Not applicable.

22. List of participating dealers

Not applicable.

23. Preventive maintenance

Not applicable.

24a. Special attributes such as environmental attributes

Not applicable.

24b.Section 508 compliance:

Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found. The EIT standards can be found at: www.section508.gov.

25. Data Universal Number System (DUNS) Number

115339558

26. Notification regarding registration in Central Contractor Registration (CCR) database

Borrego Solar Systems, Inc. is registered in the CCR database.

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Attachment I

Product/Service Descriptions

BORREGO SOLAR

Solar Feasibility Report (made available as a separate service)

Preliminary site evaluation conducted to determine the feasibility of installing a solar power system at the host customer's preferred location. Our client-centric approach starts with a frank conversation to identify project goals and expectations. A designated Project Developer will analyze historical energy usage, evaluate site conditions and use satellite images to develop a system that will optimize performance while taking price, site challenges and aesthetics into account. From there, a full proposal will be drafted. It will include our preliminary design as well as an analysis of system output and projected cost savings, specifications for the proposed equipment, a breakdown of environmental benefits and a summary of our site-specific project approach. Also included is an interconnection study in which we assess existing electrical infrastructure and conclude the cost (if any) for proper interconnection to the utility.

Base System

A turnkey, grid-connected solar electric (photovoltaic) system service installation. This system includes the Solar Feasibility Report, Engineering and Design Services, Basic Equipment, and Installation.

Solar Feasibility Report

Please see the Solar Feasibility Report description above.

Engineering and Design Services

Engineering and Design Services includes: developing preliminary system designs based on the Solar Feasibility Report; 25%, 50%, and 100% design documentation; reviewing and stamping engineering and construction plans; jurisdictional permitting (one agency and one utility at no additional cost); scheduling and participating in both system inspections and commissioning appointments; documenting utility interconnection; preparing Close-Out documentation that includes as-built designs, product specifications and manuals and maintenance and operation literature.

Basic Equipment

Equipment includes: commercial grade crystalline silicon photovoltaic modules; high efficiency DC/AC inverter(s) and control system; standard rooftop racking with stainless steel fasteners; copper conductors, conduit, junction boxes and circuit protection devices per National Electric Code to connect array to main electrical panel; solar compatible and utility approved electrical meters; regulatory compliant data acquisition system (DAS); other balance of system hardware as required for turnkey installation.

Installation

Installation includes: mounting modules/arrays on the roof of a building no more than 30 feet with a roof slope of no more that 25 degrees and an installation area accessible by standard scissor-lift, ladder, internal staircase of proper dimensions or other acceptable means. Working hours shall be determined per installation standards and electrical termination for utility interconnection shall be performed at a time mutually agreed upon by the client and Borrego Solar Systems, Inc.

Equipment, Design and Installation (Cost) Adders (Optional items added to the Base System)

Racking

Ballasted

A roof mounting option in which the array is secured to the roof via ballast weight, resulting in fewer or no penetrations.

Ground-Mount

An option to mount the solar array(s) on the ground. Our standard offering assumes that jobsite soil can be excavated with normal rubber tired bucket trenching equipment and that vibratory driven racking piers are not prohibited by site conditions. Hard digging due to hard rock, caleche, ledge, pavement, concrete and any other unknown obstructions will be cause for changes to the Contract Sum and Contract Time via adders to be determined (TBD). Extra charges may include but are not limited to: digging time, spoils removal, blasting, labor and materials required for an alternative to the vibratory driven piers and labor for hand digging. Contractor is not responsible for any damage to any unmarked underground utilities caused by digging.

Single-Axis Tracker

An option to mount the solar array(s) on a movable system that tracks the movement of the sun throughout the day. This offering will increase annual system production beyond that of a stationary mount. Single axis trackers have the same assumptions as denoted under the 'Ground Mount' solution above.

Carports (Elevated Shade Structures)

An option to mount the solar arrays atop elevated shade structures. These structures eliminate the need for extensive available ground area as the arrays are mounted atop metal canopies that suspend the installation above the surroundings, such as above spaces within a parking lot.

Light weight non-penetrating

An option available for rooftop installations that incorporates lightweight panels that install without penetrations (and in some cases without array grounding). These self-ballasting systems are ideal for weight constrained installations on low-slope, commercial rooftops.

High Wind/Snow Load Zones

Adder for locations and projects that are subject to higher wind and/or snow loads the normal. These are defined as wind loads above 2.4 kpa (140 mph for three second gusts) and snow loads of more than 50 psf.

High Roof Access

Adder for rooftop installations more than 30 feet above adjacent ground but less than three stories tall. Buildings larger than three stories will be considered separately negotiated items.

Components

Modules – Premium/High Efficiency

Adder for premium commercial grade silicon modules with higher-than-average conversion efficiencies. These premium modules allow us to reduce the surface area needed for an installation that produces the same annual power output as a larger system utilizing standard modules.

Modules – Thin Film/Flexible Laminate

Adder for flexible amorphous silicon laminates that can be bonded to most roof types. Thin-film modules can be used on projects that do not allow roof penetrations or that have a very low load tolerance to reduce the weight of the installation.

Monitoring Upgrade

Adder for monitoring upgrades beyond the standard offering. This can include but is not limited to: string-level monitoring, a full weather data station for expected production modeling, facility net energy usage reporting, and revenue grade production meter for utility payback (if applicable).

Inverter Protection/Enclosure

Stainless steel inverter housing available for 250 kW and larger systems. Chain link fencing enclosure and vehicle bollards around inverter (if applicable) are included.

Installation

We design your system to minimize solar energy costs and maximize system lifetime. Our solar energy installers provide onsite management, address any construction challenges, mitigate risk and ensure quality results.

BORREGO SOLAR

Attachment II

Labor Category Descriptions

BORREGO SOLAR

Labor Category Descriptions

Applications Engineer I

Functional Responsibilities: The Applications Engineer I is responsible for energy related production modeling and design approval. Also performs the following duties: performs site evaluations; conducts preliminary site plans; develops a critical path schedule; estimates production value and system costs; and conducts a financial analysis. The Applications Engineer I is usually supervised by the Applications Engineer II.

Experience: 1-4 years experience in electric utilities, construction, manufacturing or related field.

Education: Associates degree in Engineering or related field.

Applications Engineer II

Functional Responsibilities: The Applications Engineer II is responsible for energy related production modeling and design approval. Also performs the following duties: performs site evaluations; conducts preliminary site plans; develops a critical path schedule; estimates production value and system costs; and conducts a financial analysis. The Applications Engineer II is a position of authority and usually supervises the Applications Engineer I.

Experience: 5+ years experience in electric utilities, construction, manufacturing or related field.

Education: Bachelor's degree or Master's Degree in Engineering or related field.

Project Manager

Functional Responsibilities: The Project Manager provides overall energy related project management and the acquisition and organization of subcontractors. Functional responsibilities for the Program Manager includes, but not limited to: creating and executing work plans; identifies resources needed per project basis; managing day-to-day operational aspects; applying methodology and enforces project standards; ensuring that project documents and files are complete, current, and stored appropriately; monitoring assigned budgets; and managing simple or multiple teams charged with the development of a project.

Experience: 4+ years experience in electric utilities, construction, manufacturing or related field.

Education: Bachelor's in related field. PMP Certification is preferred.

Project Lead

Functional Responsibilities: Functional Responsibilities for the Project Lead includes, but not limited to: creating and executing work plans; identifies resources needed per energy project basis; managing day-to-day operational aspects; applying methodology and enforces project standards; ensuring project documents are complete, current, and stored appropriately; monitoring assigned budgets; and managing simple or multiple teams charged with the development of a project.

Experience: 5+ years in electric utilities, construction, manufacturing or related field.

Education: Bachelor's degree in a related field.

Director of Engineering

Functional Responsibilities: The Director of Engineering is responsible for ensuring that all phases of the design/engineering aspect of an energy related projected are completed accurately and all engineering drawings are adhered to. Functional responsibilities include, but not limited to: overseeing the design and development of the project while taking in consideration that goals of the company and the needs of the customer.

Experience: 6+ years experience in electric utilities, construction, manufacturing or related field.

Education: Bachelor's degree in Engineering or a related field.

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Chief Technical Officer

Functional Responsibilities: The Chief Technical Officer is responsible for establishing the company's technical vision and leading all aspects of the company's technology department in various energy related projects. Functional responsibilities include, but not limited to: overseeing production modeling and development, design approval and standardization; overseeing operation and maintenance and output metering and billing; establishing technical standards and ensuring adherence to them for product development and company operations.

Experience: 7+ years experience in electric utilities, construction, manufacturing or related field.

Education: Bachelor's degree in Engineering in electric utilities, construction, manufacturing or related field.

Chief Financial Officer

Functional Responsibilities: The Chief Financial Officer will have the primary responsibility for planning, implementing, managing and controlling all financial-related activities of an energy related project. This will include direct responsibility for accounting, finance, forecasting, strategic planning, legal, property management, deal analysis and negotiations, investor relationships and partnership compliance. Functional responsibilities include, but not limited to: providing leadership in the development of financial objectives; evaluating budgets, financial trends and forecasts; developing, implementing, and maintaining a job cost system; directing and overseeing all aspects of finance and accounting functions; evaluating and advising the impact of long range planning; providing executive management with advice on the financial implications of business activities; and ensuring that effective internal controls are in place and ensure that compliance is met with applicable federal, state and local regulatory laws.

Experience: 7+ years experience in electric utilities, construction, manufacturing or related field.

Education: Bachelor's degree in Finance or a related field.

Director of Operations

Functional Responsibilities: The Director of Operations ensures that energy related daily operations, including the organization of workload and logistics to move appropriate equipment and system components, as well as to ensure logistical and system needs run accordingly. Functional responsibilities include, but not limited to: finding avenues to improve operational efficiency; supervising staff in preparing draft annual budget in support of a project; and monitoring day to day fiscal operations assisting the Chief Financial Officer.

Experience: 6+ years experience in electric utilities, construction, manufacturing or related field.

Education: Bachelor's degree in Business Administration or a related field.

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Attachment III

GSA Pricelist

BORREGO SOLAR

All prices are net; includes discounts and the Industrial Funding Fee

Services			
SIN	**Labor Category**	**Unit of Issue**	**GSA Net Price**
871 202 & 871 211	Applications Engineer	Per Hour	$104.74
871 202 & 871 211	Applications Engineer II	Per Hour	$134.66
871 202 & 871 211	Project Manager	Per Hour	$114.71
871 202 & 871 211	Project Lead	Per Hour	$169.57
871 202 & 871 211	Director of Engineering	Per Hour	$189.52
871 202 & 871 211	Chief Technical Officer	Per Hour	$239.40
871 202 & 871 211	Chief Financial Officer	Per Hour	$149.62
871 202 & 871 211	Director of Operations	Per Hour	$199.50

Product Name			**GSA Net Price** (All Prices are $/Watt 1,000 Watt=1kW)				
Base Systems (Based on Geographic Zones)							
SIN	**Base System**	**Unit of Issue**	**50-100kW**	**100-250kW**	**250-500kW**	**500kW-1MW**	**1MW and above**
871 209	Base System Zone 1 (CA, NV, AZ, NM, CO, TX)	kW	$5.54	$4.77	$4.20	$4.12	$3.98
871 209	Base System Zone 2 (MA, NJ, CN, PA, NY, MD, DE, HI)	kW	$5.79	$5.00	$4.41	$4.30	$4.19
871 209	Base System Zone 3 (All other continental US states)	kW	$6.10	$5.31	$4.72	$4.62	$4.50
871 209	Base System Zone 4 (AK, PR, US Territories)	kW	$6.63	$5.84	$5.25	$5.14	$5.03
Equipment, Design and Installation (Cost) Adders (Optional Items added to the Base System Price)							
SIN	**Racking**	**Unit of Issue**	**50-100kW**	**100-250kW**	**250-500kW**	**500kW-1MW**	**1MW and above**
871 209	Ballasted	kW	$0.37	$0.28	$0.19	$0.13	$0.09
871 209	Ground-Mount	kW	$0.59	$0.50	$0.37	$0.16	$0.12
871 209	Single-Axis Tracker	kW	N/A	N/A	$0.90	$0.82	$0.68
871 209	Carports (Elevated Shade Structures)	kW	$1.27	$1.10	$0.97	$0.89	$0.80
871 209	Light weight non-penetrating	kW	$0.37	$0.33	$0.25	$0.15	$0.10
871 209	High Wind/Snow Load Zones	kW	$0.36	$0.29	$0.18	$0.13	$0.06
871 209	High Roof Access	kW	$0.42	$0.34	$0.15	$0.05	$0.02
SIN	**Components**	**Unit of Issue**	**50-100kW**	**100-250kW**	**250-500kW**	**500kW-1MW**	**1MW and above**
871 209	Modules - Premium/High Efficiency	kW	$0.83	$0.83	$0.62	$0.51	$0.51
871 209	Modules - Thin Film/Flexible Laminate	kW	$0.46	$0.46	$0.46	$0.46	$0.46
871 209	Monitoring Updgrade	kW	$0.21	$0.13	$0.06	$0.02	$0.01
871 209	Inverter Protection/Enclosure	kW	$0.50	$0.24	$0.15	$0.09	$0.06
SIN	**Installation**	**Unit of Issue**	**50-100kW**	**100-250kW**	**250-500kW**	**500kW-1MW**	**1MW and above**
871 209	Installation	kW	$0.21	$0.20	$0.18	$0.17	$0.16