



State of Rhode Island
Department of Administration / Division of Purchases
One Capitol Hill, Providence, Rhode Island 02908-5855
Tel: (401) 574-8100 Fax: (401) 574-8387

ADDENDUM #4
(13 pages)

**RFP #7606774 TITLE: MOUNTED SOLAR PV ARRAY AT THE RIARNG COMBINED
SUPPORT MAINTENANCE SHOP (CSMS)**

SUBMISSION DEADLINE: 7/22/2020 AT 2PM (NOTE CHANGE)

This addendum changes bid closing date and time from 7/13/2020 at 2pm to 7/22/2020 at 2pm.

This addendum posts buyer's introductory remarks.

This addendum posts a bid form.

This addendum posts answers to questions asked at the pre-bid conference and on-line.

This addendum posts sign in sheets from pre-bid conference.

This addendum posts instructions on how to access the bid opening through the ZOOM app.

Buyer's introductory remarks:

- This is a mandatory pre-bid conference. Only bids from the vendors on the sign in sheet will be considered.

- Questions are being accepted until 6/12/2020 at 5pm. The instructions how to submit those questions is included in the bid posting. Written word will prevail.

- Bid bond is required.

- Payment and performance bond is required.

- This is an RFP not an RFQ. Responses will be evaluated on the basis of the relative merits of the proposal in addition to cost.

- There will be no public opening other than to read the names of those vendors submitting proposals

- In your submittal you will have your technical proposal and in a separate envelope within you bid submittal will be the cost proposal. **DO NOT INCLUDE THE COST PROPOSAL WITH YOUR TECHNICAL PROPOSAL.**

Answers to questions sent in on-line and clarifications for questions posed at the pre-bid conference.

Questions from the pre-bid meeting:

1. The proposed feasibility study by Cadmus displays a system that does not account for HVAC maintenance, would the RIARNG like for vendors to propose a plan that allows for HVAC equipment, or exactly as shown by Cadmus?

HVAC maintenance is a priority, as well as the system; the RIARNG would like both to be accounted for in your proposals.

2. Is there a particular reason the Trina PV module was chosen? Are vendors able to submit an alternate?

The PV module was chosen by the company who made the feasibility study and was suggested by them. However, we will accept alternate proposals (in terms of equipment) if you provide products that are produced by Tier 1 solar manufacturers and produce the same total nameplate capacity. Our objective is to evaluate proposals that provide similar products in terms of quality (tier 1) and quantity (total nameplate capacity of 550kW).

3. The system size provided in the feasibility study (550 kW), is that the only size allowed, or are vendors allowed to propose a larger size system?

Please submit proposals for the system size proposed in the feasibility study.

4. Will all of the solar hardware (inside the facility) be required to go into the main electrical room/are there any other electrical rooms?

All of the solar hardware/equipment should be able to fit in the main electrical room, there are two other smaller electrical rooms, but they will probably not serve the purpose needed for this project.

5. The structure of the roof: was there a structural analysis done? Will one need to be completed?

Cadmus did not conduct a structural analysis. The vendor will be required to have a structural engineer complete an analysis for the solar PV system.

6. Does the generator supply power for the entire facility?

The generator does not power the entire facility. The generator powers the main front office (where visitors check-in), production control area, the breakroom, the fuel pump, electric gate, the HVAC and some of the middle hanger wing.

7. Can vendors have access to the structural drawings for the facility?

We will provide floorplans/structural drawings to awarded vendor.

8. Where does the electricity for the building come in from?

The electricity for the facility is fed from the transformer on site, which is run from the poles on street in front of the facility. This power comes from South Rd, East Greenwich, RI 02818 which runs at the south side of Camp Fogarty.

9. Are Electrical As-Built Drawings for the CSMS available and can they be provided? At very least, Electrical One-Line Diagram of power system.

Drawings will be provided to the awarded vendor.

10. Are Structural As-Built Drawings for the CSMS available and can they be provided? At very least, structural for metal roof areas.

As-built drawings will be provided to the awarded vendor.

11. Who will be responsible for any structural modifications to the roofs if necessary?

If the structural study identifies that structural modification are needed, the vendor will communicate and discuss proposals that make economic sense for the owner. The owner may accept change orders that doesn't change the total economic feasibility of the project.

12. Are there raceways between the bays? If so, is there spare/available conduit with which to connect the arrays?

We don't have information related to spare conduits. Please assume that there are not any.

13. Can you please provide name of roof manufacturer, roof warranty and name and contact of roof installer?

The roof manufacturer is Merchant & Evans with a 20-year warranty, and the installer was Stanley Roofing Company, Inc.

14. On page 7 of the solicitation: "Vendors should also consider potential charges for interconnection fees within their proposals to eliminate the need for change orders during the project." The base interconnection fee for this project is \$1,515. Then it could incur supplemental or additional review up to \$1,250. Then it could require an impact study which can cost tens of thousands of dollars. Then it could require infrastructure upgrades that could cost hundreds of thousands of dollars. Supplemental review, impact studies, and infrastructure upgrades are not always required, and the cost of the latter two is determined by National Grid and cannot be assessed for submission of a bid. If an impact study or infrastructure upgrade is required, then that should be a change order to add the cost of the study or upgrade. I recommend updating the solicitation to say that Utility impact study and infrastructure upgrade costs should not be included in the bid amount, and any direct costs of impact studies and infrastructure upgrades will be added to the project cost. Otherwise, if you want us to include potential charges for

interconnection fees we would need to add about \$200,000 to the project cost to cover everything that could happen.

Costs related and payable to utility (National Grid) for infrastructure upgrades are not be included in the bid amount.

15. Page 7 “The racking system must be self-ballasted, include no roof penetration...” Does clipping onto the roof seams satisfy the requirement to be self-ballasted?

Yes.

16. 1,719 modules of 320 watts each is 550,080 watts or 550.08 kW. How is 550.5 kW in the solicitation calculated? Can the total DC system size or the modules be updated so they agree?

Agreed. We will accept all cost proposals that will provide an installation with a nameplate capacity equal or higher of 550kW. The objective is to evaluate similar proposals in terms of quality and quantity.

17. 1,719 Trina Solar 320 watt panels are specified. Will an alternative panel be acceptable if the total DC capacity is equal to or greater than the capacity specified in the solicitation and meets the hardware warranty requirements? Would Boviet, Astronergy, Longi, Jinko, SunPower, or LG panels be accepted as a substitution if the total DC capacity is greater than or equal the solicitation requirements?

Please see answer #2.

18. 21 Sunny Tripower 24 kW inverters would be a total system size of 504 kW AC. How is the 505.3 kW AC in the solicitation calculated?

Please proceed with technical calculations that make sense for this proposal.

19. Page 9: “Background Check Investigation (BCI) is required for all personnel working on government facilities.” Does the bidder need to provide the background checks of its employees or are we providing a list of names of employees and RIARNG will perform the background checks?

The awarded vendor will provide the RIARNG with the background checks of the employees working on-site.

20. Page 10: “Vendors responding to this RFP are directed to debit any project funding from Commerce RI-REF grant from their proposed price.” There are a couple issues with this. The next round of REF grants (Commercial block 24) opens for application on July 13th at 9am. Grant funding typically runs out the day the round opens or shortly thereafter. If bids are due 6/26 I’m assuming you will not be able to review the proposals, select a winning bid, create a contract with the state, and allow the bidder time to prepare a grant funding application in time for the round opening on 7/13. If that’s correct this project will not be ready for submission for Commercial block 24. The state has not yet announced the next block of funding. There may not be another round of funding after that if the REF program

runs out of funds. If there is another round, it may not occur this year as the date hasn't been announced. Also, the amount of grant funding for the next round has not been announced and thus cannot be calculated and subtracted from the bid. I would recommend changing the solicitation for bids to provide the total price of the system and a calculation of what the grant funding would be based off REF Commercial block 24. Bidders should also have to agree that they will secure the maximum amount of commercial REF funding available for the next round that opens after the contract for installation of the project is in place. After the contract is in place, they need to secure the maximum possible amount of grant funding in the next round of REF funding.

We request that vendors provide a net cost after they reduce the base bid for the REF grant amount. We suggest that you provide the amount of the REF grant in the 1st alternate cost proposal, in the case that there are issues with the REF grant. Please see the bid document provided.

21. Does the state want to own the installation or do you want a power purchase agreement to make use of potential tax benefits on the project?

The State (RIARNG) wants to own the installation.

22. Does the generator backup the entire building or does it only cover part of the electrical?

Answered above in question #7.

23. Will structural plans be made available after the bid has been awarded?

Any structural plans that the RIARNG has access to will be provided to the chosen vendor.

24. What restrictions will there be for accessing the site beyond background checks?

There are no other site restrictions other than receiving a State of Rhode Island Background Check (BCI) which can be done through the State's Attorney General's Office.

BID OPENING ADDENDUM -COVID-19 EMERGENCY PROTOCOL

Vendors and the public are advised that due to Covid-19 emergency social distancing requirements bid openings at the Division of Purchases shall be conducted via live streaming on the ZOOM . Vendors and the public shall not be permitted to enter the Division of Purchases to attend bid openings. Vendors and the public who attend bid openings via live streaming shall be required to identify themselves and a record of all such attendees shall be maintained by the Division of Purchases. Vendor bid proposals shall be opened and read aloud at the date and time listed herein. The results of bid solicitations requiring a public copy for public works projects shall be posted on the Division of Purchases website as soon as possible after the bid opening. For RFP solicitations only vendor names shall be read aloud at the opening.

Vendors and the public are further advised that visitor access to the Powers Building at One Capitol Hill, Providence, RI requires pre-screening at the entrance to the building. In accordance with the Governor's Executive Order(s) and Department of Health emergency regulations all visitors to the Powers Building must wear a cloth mask which covers the nose and mouth. Vendors delivering bid proposals to the Division of Purchases should allow sufficient time for the pre-screening process. The Division of Purchases assumes no responsibility for delays caused by the screening process or any other reason. Vendors are solely responsible for on time delivery of bid proposals. The Division of Purchases shall not accept late bids for any reason.

Division of Purchases is inviting you to a scheduled Zoom meeting.

Topic: 7606774

Time: Jul 22, 2020 02:00 PM Eastern Time (US and Canada)

Join Zoom Meeting

<https://zoom.us/j/94627008663?pwd=SF1xK3VtemtXeFdhbElwYmFpRnU0UT09>

Meeting ID: 946 2700 8663

Password: 106531

One tap mobile

+13017158592,,94627008663#,,,,0#,,106531# US (Germantown)

+13126266799,,94627008663#,,,,0#,,106531# US (Chicago)

Dial by your location

+1 301 715 8592 US (Germantown)

+1 312 626 6799 US (Chicago)

+1 646 558 8656 US (New York)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 669 900 9128 US (San Jose)

833 548 0282 US Toll-free

877 853 5247 US Toll-free

888 788 0099 US Toll-free

833 548 0276 US Toll-free

Meeting ID: 946 2700 8663

Password: 106531

Find your local number: <https://zoom.us/j/94627008663>

David A. Cadoret
Chief Buyer

Solicitation #: 7606774
Solicitation Title: Roof-Mounted Solar PV Array at the RIARNG Combined Support
Maintenance Shop (CSMS)

BID FORM (REVISED 7/9/2020)

To: The State of Rhode Island Department of Administration
Office of Energy Resources, 4th Floor
One Capitol Hill, Providence, RI 02908-5855

Bidder:

Legal name of entity

Address (street/city/state/zip)

Contact name

Contact email

Contact telephone

Contact fax

1. BASE BID PRICE

The Bidder submits this bid proposal to perform all of the work (including labor and materials) described in the solicitation for this Base Bid Price:
REF incentives should be subtracted from the Base Bid price.

\$ _____
(base bid price *in figures* printed electronically, typed, or handwritten legibly in ink)

(base bid price *in words* printed electronically, typed, or handwritten legibly in ink)

Allowances

The Base Bid Price **includes** the costs for the following Allowances:

N/A

• Bonds

The Base Bid Price **includes** the costs for all Bid and Payment and

Performance Bonds required by the solicitation.

Solicitation #:
Solicitation Title:

• **Addenda**

The Bidder has examined the entire solicitation (including the following Addenda), and the Base Bid Price **includes** the costs of any modifications required by the Addenda.

All Addenda must be acknowledged.

Addendum No. 1 dated: _____

Addendum No. 2 dated: _____

Addendum No. 3 dated: _____

Addendum No. 4 dated: _____

Addendum No. 5 dated: _____

Addendum No. 6 dated: _____

2. **ALTERNATES** (*Additions to Base Bid Price*)

The Bidder offers to: (i) perform the work described in these Alternates as selected by the State in the order of priority specified below, based on the availability of funds and the best interest of the State; and (ii) increase or reduce the Base Bid Price by the amount set forth below for each Alternate selected. **Please, add the REF grant amount in the case that REF grant incentives are not available.**

Check "Add" or "Subtract."

\$ _____
(base bid price *in figures* printed electronically, typed, or handwritten legibly in ink)

(base bid price *in words* printed electronically, typed, or handwritten legibly in ink)

Solicitation #:
Solicitation Title:

3. UNIT PRICES

The Bidder submits these predetermined Unit Prices as the basis for any change orders approved in advance by the State. These Unit Prices include **all** costs, including labor, materials, services, regulatory compliance, overhead, and profit.

N/A

4. CONTRACT TIME

The Bidder offers to perform the work in accordance with the timeline specified below:

- Start of construction: 30 days after purchase order issuance
- Substantial completion: 12 months from start of construction
- Final completion: 18 months from start of construction

5. LIQUIDATED DAMAGES

The successful bidder awarded a contract pursuant to this solicitation shall be liable for and pay the State, as liquidated damages and not as a penalty, the following amount for each calendar day of delay beyond the date for substantial completion, as determined in the sole discretion of the State: \$ 500.

Solicitation #:
Solicitation Title:

This bid proposal is irrevocable for 60 days from the bid proposal submission deadline.

If the Bidder is determined to be the successful bidder pursuant to this solicitation, the Bidder will promptly: (i) comply with each of the requirements of the Tentative Letter of Award; and (ii) commence and diligently pursue the work upon issuance and receipt of the purchase order from the State and authorization from the user agency.

The person signing below certifies that he or she has been duly authorized to execute and submit this bid proposal on behalf of the Bidder.

BIDDER

Date: _____

Name of Bidder

Signature in ink

Printed name and title of person signing on behalf of Bidder

Bidder's Contractor Registration Number

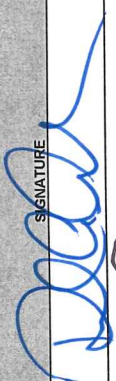





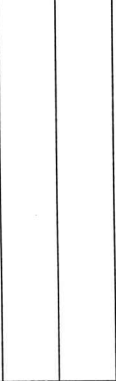


MANDATORY" PRE-BID CONFERENCE SIGN IN SHEET

State of Rhode Island
Division of Purchases
Procurement Unit

Mandatory Pre-bid Conference: Any vendor who intends to submit a bid proposal in response to this solicitation must have its representative attend this mandatory prebid conference, sign, and complete all required information on this Sign-In Sheet. Failure to comply with this requirement will result in the rejection of any bid proposal.

BID NUMBER: 7606774
 BID TITLE: ROOF MOUNTED SOLAR ARRAY AT THE RIARNG CSMS BUILDING
 PRE-BID DATE AND TIME: 6/10/2020 AT 10AM

Purchasing Representative:
 Mandatory Pre-bid START TIME: 10:10
 Mandatory Pre-bid END TIME: 10:50

COMPANY NAME	COMPANY REPRESENTATIVE	SIGNATURE	ADDRESS	CONTACT E-MAIL	CONTACT PHONE NUMBER
STATE OF RI-PURCHASING	DAVID A. CADORET		1 CAPITOL HILL, PROVIDENCE	DAVID.CADORET@PURCHASING.RI.GOV	401-574-8131
STATE OF RI-PURCHASING	MARISA DELFARNO		1 CAPITOL HILL, PROVIDENCE	N/A	N/A
STATE OF RI-PURCHASING	JONATHAN NADEAU		1 CAPITOL HILL, PROVIDENCE	N/A	N/A
Ameasso	mike Kelliber		111 Spear St. Providence	mkeliber@ameasso.com	508-395-4429
Amerigo	Tommy Tom		" "	dtom@amerigo.com	508 661 2276
Ezol LLC	Anthony Fara		10 DORANCE ST Prov.	afara@ezsol.com	401-484-2273
Stateside Precision Group LLC Newport Kennebunk	Smart Klanguan		5 Richmond St, Providence, RI	SFLANAGAN@STRE.COM	401-619-5706
Birithan Electric Inc.	Jude Balthasar		14 Clinton Ave	Info@BirithanElectricRI.com	680
Sol Power	Eric Beecher		11 Almy St Providence	ERIC@SOLPOWERSCAR.COM	368
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

MANDATORY PRE-BID CONFERENCE SIGN-IN SHEET

State of Rhode Island
Division of Purchases
One Capitol Hill
Providence, RI 02908

Mandatory Pre-bid Conference: Any vendor who intends to submit a bid proposal in response to this solicitation must have its representative attend this mandatory prebid conference, sign, and complete all required information on this Sign-in Sheet. Failure to comply with this requirement will result in the rejection of any bid proposal.

BID NUMBER: 7606774
 BID TITLE: ROOF MOUNTED SOLAR ARRAY AT THE RIARING CSMS BUILDING
 PRE-BID DATE AND TIME: 6/10/2020 AT 10AM

Purchasing Representative:
 Mandatory Pre-bid START TIME: 10:10
 Mandatory Pre-bid END TIME:

COMPANY NAME	COMPANY REPRESENTATIVE	SIGNATURE	ADDRESS	CONTACT E-MAIL	CONTACT PHONE NUMBER
21 RIARING	Manssa Pereira	<i>Manssa Pereira</i>	2841 S County Trd, #1 East Greenwich	manssa.a.pereira@riarc.com	401-275-4064
22 DER	Robert Hart	<i>Robert Hart</i>	1 Capitol Hill	roberthart@energy.ri.gov	617 955 7297
23 APTS	Sonathan Shank	<i>Sonathan Shank</i>	2610 05 main st 217 Pawtucket	JShank@Ave-parker.com	401 304 4597
24 Pctamm	Simidile M. Long	<i>Simidile M. Long</i>			
25					
26					
27					
28					
29					
30					
31					
32					