



DEPARTMENT OF DEFENSE
MISSILE DEFENSE AGENCY
5700 18TH STREET
FORT BELVOIR, VIRGINIA 22060-5573

Contract No: HQ867-23-F-XXXX
J&A No: 23-0003

MISSILE DEFENSE AGENCY
LIMITED SOURCES JUSTIFICATION AND APPROVAL
FOR FEDERAL SUPPLY SCHEDULE (FSS) AWARD (FAR 8.4)

1. Introductory Paragraph. "Upon the basis of the following justification, I, as the Contracting Officer, hereby approve the issuance of the contractual action discussed below using other than full and open competition, under the authority of the multiple award schedule program and pursuant to the additional authority cited herein."

2. Agencies and Contracting Activity, (FAR 8.405-6(c)(2)(i)). The Missile Defense Agency's (MDA) Mission Support (MS) Directorate plans to contract by means other than full and open competition. This document sets forth the justification and approval for award of a Federal Supply Schedule order on a limited source basis as required by FAR 8.405-6. The point of contact for this action is [REDACTED], Contracting Officer, at [REDACTED].

3. Nature and Description of the Action Being Approved, (FAR 8.405-6(c)(2)(ii)).
The MDA/MSL Fleet Management Office requests the acquisition of two (2) portable solar-powered electric vehicle charging stations from GSA for use at VSFB. This equipment will be used to support MDA overarching initiatives to meet the requirements specified in Executive Order (EO) 14008 "Tackling the Climate Crisis at Home and Abroad," signed January 27, 2021. This EO has placed an emphasis on the acquisition of zero emission vehicles in conjunction with EO 14057 "Catalyzing America's Clean Energy Economy Through Federal Sustainability", signed December 8, 2022, which requires "100 percent zero-emission light-duty vehicle acquisitions by 2027."

4. Description of the Supplies and/or Services Required to Meet the Agency's Needs (including the estimated value), (FAR 8.405-6(c)(2)(iii)).

The MDA/MSL Fleet Management Office requests the acquisition of two (2) portable solar-powered electric vehicle charging stations from GSA for use at VSFB.

Qty 2 U/I: BEAM Solar System with two integrated EV chargers (SIN 335999/Part No. ARC-EC4) MFG: Envision Solar P/N ARC-CP4023
Unit Price : \$68,0037.92 Extended Price: \$136,076

QTY 2 U/I: Battery Upgrade (SIN 335911/Part No. BOOST40) MFG: Envision Solar P/N BOOST40
Unit Price: \$10,245.15 Extended Price \$20,490

QTY 2 U/I: EA Emergency Power Panel MFG: Envision Solar P/N EPWR
Unit Price: \$2,008.75 Extended Price \$4,018

QTY 2 U/I: Bumper Stops (SIN 335999/Part No. BSTP): Envision Solar P/N EPWR
Unit Price: \$373.13 Extended Price \$746

QTY 2 U/I: Shore Power Connection/Grid Connect (SIN 335999/Part No. GC): Envision Solar P/N EPWR
Unit Price: \$1,226.72 Extended Price \$2,453

QTY 1 U/I: Lot Shipping to Vandenburg Space Force Base/ Missile Defense Agency \$9,492

Description of requirement:

- Portable, self-sustaining, charging station for electric vehicle(s)
- Must require no installation (does not require securing to ground or connection to local grid; no construction or electrical work) and be transportable by a 15k or lower forklift.
- Capable of charging multiple electric vehicles at the same time day or night
- Solar power gathered and retained within the unit to charge electric vehicles up to 7 kW
- Must be capable of handling any brand of charger (Type 1 or Type 2 socket for slow/fast charging and CHAdeMO or CCS for DC rapid charging)
- Capable of withstanding winds up to 120mph.
- Flood proof (can perform after submerging)
- ADA compliant
- Must be able to fit within a parking space no wider than 11 feet and no longer than 22 feet

5. Identification of the justification rationale (8.405-6(c)(2)(iv)). Envision Solar International Inc., branding as “Beam”, at 5660 Eastgate Dr, San Diego CA 9121-2816 provides a unique qualification and specialized capabilities that is not prevalent on any MAS FSS schedule (or open market; see section 6).

Envision Solar International Inc. proves to be the only company capable of providing the earlier stated specifications whereas the other companies cannot. Envision Solar international Inc. holds U.S. patents 9917471 and 9209648 that are specific to the U.S. Government need.

6. Determination of Best Value (FAR 8.405-6(c)(2)(v)). In accordance to DFARS 217.770 this source meets and exceeds in the satisfactions of the U.S. Governments requirements. The schedule and cost effectiveness (to include the requirement to gain additional discounts for over the Simplified Acquisition Threshold (SAT)) combined with no additional costs for use of schedule and the administrative control of the issued DO is to the overall benefit of the US. Government. The requirement is within the scope of the contract (schedule) issued to Envision Solar International, Inc.

7. Description of Market Research Conducted (FAR 8.405-6(c)(2)(vi)). Excluding Envision Solar International Inc, market research reflected that no other schedule holder or open market met the needs of the U.S. Government. The products offered on schedule or available within the open market were, either affixed to the site and/or depended on the electrical grid in some form or means.

8. Other Facts (FAR 8.405-6(c)(2)(vii)). Unlike available products on schedule, Envision Solar International Inc. provides a solar powered vehicle-docking pad/station for an electric vehicle that is autonomous from mounting or connection to an electrical grid. All other sources require permanent mounting.

9. Actions Taken to Remove Barriers to Competition (FAR 8.405-6(c)(2)(viii)). MDA will continue to monitor the market place for products that meet its needs. By this notice, it is, hoped, the market also adapts to the need to allow for a competitive environment. So as to provide a more competitive offering in the future.

10. Technical/Requirements Official Certification ((FAR 8.405-6(c)(2)(x))): “Based on the above information, I recommend this acquisition be conducted on a limited source basis. I certify that technical data, which form a basis for this justification, that are the responsibility of technical or requirements personnel are complete and accurate. I further certify that this request is not the result of a lack of advance planning.”

[Redacted Signature] [Redacted Name]
Date: 2022.11.21 13:17:58 -06'00'

Procurement and Contract Management Lead, MSL

11. Legal Counsel: “I have reviewed the justification and determined it to be legally sufficient.”

[Redacted Signature] [Redacted Name]
Date: 2022.11.21 14:53:02 -06'00'

Associate General Counsel, GCA

12. Contracting Officer (FAR 8.405-6(c)(2)(ix)): “I have determined that the order represents the best value to the Government consistent with FAR 8.404(d). This justification is accurate and complete to the best of my knowledge and belief.”

Approval: “In accordance with FAR 8.405-6(d), the above limited sources justification is hereby approved.”

[Redacted Signature] [Redacted Name]
Date: 2022.11.28 09:31:38 -06'00'

Contracting Officer, MSK