

Award

Document Title: National EFC: Moonshot Water Utility Center of Excellence & Policy and Practice

Grant # 4Q-84059101-2

Page 1

Application Information

Amount Requested:	\$ 3,270,886.00		
Date Received:	06/30/2022	Date Signed:	06/30/2022

Award Information

Awarding Region:	EPA HQ	Grant Number:	84059101-2
Record Type:	A - Augmentation: Increase		
Program Code:	4Q - Environmental Finance Center Grants - BIL		
Grant Type:	Non-Construction	Agreement Type:	Assistance Amendment
Payment Method:	ASAP	ACH:	PEND
Payment Office:	Contact EPA RTPFC at: rtpfc-grants@epa.gov		
Postponed:		Funding Pkg. Date:	12/16/2024
Mailing Date:	02/07/2025	Award Date:	02/04/2025
Release Date:		ODN:	4Q84059101

Recipient Information

Recipient			
UEI:	MEW9KQANR697	EFT Indicator:	0000
Applicant Type:	Not for Profit		
Applicant Name:	MSM Inc. - MOONSHOT MISSIONS INC		
Applicant State:	MD	DUNS:	
Applicant Country:			
Congressional District:	08	EIN:	87-2485211
Organizational Unit:	MOONSHOT MISSIONS INC	Sub Org. Unit:	
NSF Code:		Minority Institution	

Organization Address / Mailing Address

Address 1:	5207 Portsmouth Rd		
Address 2:			
City:	Bethesda	County:	Montgomery
State:	MD	Zip:	20816-0000

Payment Address

Payee Name:	Moonshot Missions Inc.		
Address 1:	5207 Portsmouth Rd	City:	Bethesda
Address 2:		State:	MD

Recipient Information (Continued)

Zip:	20816-2928		
Point of Contact			
Project Manager:	George Hawkins		
Title:	Program Manager	Fax:	
E-Mail:	George@moonshotmissions.org	Phone:	Ex. 6 Personal Privacy (PP)
Address 1:	Moonshot Missions Inc.	City:	Bethesda
Address 2:	5207 Portsmouth Rd	State:	MD
Zip:	20816		

EPA Contacts

Grant Specialist:	Brandon EPierce	GS ID:	
E-Mail:	pierce.brandon@epa.gov	Phone:	202-564-2972
Office:	1200 Pennsylvania Ave NW	Mail Code:	3903R
Address:			
City:	Washington	State:	DC
Zip:	20460		
Grant Coordinator:	Robin Holder		
Approving Region:	EPA HQ		
Project Officer:	Addison Chau	Title:	
E-Mail:	chau.addison@epa.gov	Phone:	202-564-3943
Address:	1201 Constitution Ave NW		
Mail Code:	4201M		
City:	Washington	State:	DC
Zip:	20004		
Approval Office Div:	Office of Wastewater Management		
Address:	1200 Pennsylvania Avenue, N.W.		
City:	Washington	State:	DC
Zip:	20460		

Approval Office Address Printed on the OMB

Region:	EPA HQ	Division:	Office of Wastewater Management
Address:	1200 Pennsylvania Ave., NW		
City:	Washington	State:	DC
Zip:	20460		

Congressional Liaison:	Cassaundra Eades	Phone:	202-564-2788
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EPA Contacts (Continued)

AAShip/RAShip:	OW - Office of Water	Division/Office:	OWM
Lab/Office:		Branch:	Water Infrastructure and Resiliency Finance Center

Project Information

CFDA:	66.203 - Environmental Finance Center Grants	Media:	Multi-Media
Project Title:	National EFC: Moonshot Water Utility Center of Excellence – Policy and Practice		
Description:			
This agreement provides funding under the Infrastructure Investment and Jobs Act to support the Environmental Finance Center (EFC) at EPA Headquarters. The EFCs provide finance-related training, education, and analytical studies to help regulated parties develop solutions to the difficult "how-to-pay" issues associated with meeting environmental standards. The EFCs educate state, tribal, and local governments and businesses on lowering environmental costs, increasing environmental investments, improving financial capacity, identifying appropriate revenue generating mechanisms, and evaluating environmental financing options.			
Attachments:			
No files have been attached.			
Describe the activities to be performed:			
Moonshot Missions will provide Direct Technical Assistance (TA) and Develop National Tools and Resources. Specifically, Moonshot will provide direct TA from the start to identify and apply for project(s) to be funded by the SRF. Moonshot's engagement will be tailored to the needs of the utility, including support from needs assessment to project selection and financing. Moonshot will serve as a trusted advisor to management and operations personnel alike, and will call upon the expertise of partners, as needed, to assist with elements of the SRF process. Priority for years 1-2 is to provide direct TA to help EPA better administer the SRF programs and learn from efforts to support underserved communities access the SRF funding. Also, during the first year of work, Moonshot will deliver three key technical assistance modules that EPA will disseminate widely, for example via the EPA website or delivered directly as hands-on training to utilities and to other regional EFC partners. Moonshot Missions will collaboratively engage with the EPA, including the Regional EFCs, to develop models that incorporate lessons learned from TA pilots like the CST, as well as the methodology described in the application. EPA and the EFC will collaborate on priorities and content. Moonshot Missions will work on BIL related clean water and drinking water finance activities.			
Describe anticipated deliverables and expected outcomes, and intended beneficiary(ies):			
The anticipated deliverables include: Community Identification and Coordination, Utility Outreach, Community Screening, Initial Community Outreach and System Diagnostic Utility Background Research and Outreach, System Diagnostics and Project Identification, Community and Stakeholder Engagement. The expected outcomes include: Community Identification, Initial Community Outreach and System Diagnostic. The intended beneficiaries include communities and utilities with a focus on underserved and disadvantaged communities, communities that have never accessed SRF funding before, and communities that are not currently receiving an equivalent kind of TA.			
Describe any subrecipient activities currently known:			
No subawards are included in this assistance agreement.			
Explan. of Changes:			
Incremental Amendment. This amendment provides incremental funding in the amount of \$4,228,253.			
Attachments:			
No files have been attached.			
Project Period Cost:	\$ 7,499,139.00	Budget Period Cost:	\$ 7,499,139.00
Project Period Start:	02/01/2023	Budget Period Start:	02/01/2023
Project Period End:	01/31/2028	Budget Period End:	01/31/2028
Applicant ID:		State ID:	
Statutory Authority:	Clean Water Act: Sec. 104(b)(3)	Regulatory Authority:	2 CFR 200, 2 CFR 1500 and 40 CFR 33

Project Information (Continued)

Statutory Authority:	Safe Drinking Water Act: Sec. 1442(c)(3)	Regulatory Authority:	
Special Tracking Code:		High Risk / Special Payment:	

International

Work Performed outside the U.S.:	No
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Competition, EPA Order 5700.5A1

Was the amendment competed in accordance with the Competition Policy (EPA Order 5700.5A1)?	No
Select the reason why this amendment was not competed based on the Competition Policy (EPA Order 5700.5A1).	The amendment is a within scope incremental funding amendment or decrease amendment. (Section 13.b.(4))
Competition Code:	I

Attachments

Award Document Attachments		
File Name	Size	Date Uploaded
OMB Form 84059101-2.pdf	214.39 KB	02/04/2025 11:39 AM
Attachment Description:		

Funding Package

Funding Package Documents			
Document Type	Title	Amount	Status
Commitment Notice	Moonshot Missions National EFC	\$ 4,228,253.00	Final CN

Fiscal Information

Vendor Code:		872485211AV				Accounting Period:				
COMPASS Status:		Not Submitted								
Fiscal Line Details										
Line	Site Name	Req No	FY	Approp. Code	BO Code	PRC	Object Class	Amount	Site Project	Cost Org Code
001	-	2540BIL002	24	E3SDA	40BLX70	000B81X70	4183	\$ 2,114,126.00	DWSRFEFC	-
002	-	2523C80004	23	E2SDA	23C8	000B80X70	4183	\$ 1,727,471.00	CWSRFEFC	-
003	-	2523C80004	22	E2SDA	23C8	000B80X70	4183	\$ 386,656.00	CWSRFEFC	-
Total								\$ 4,228,253.00		

Award Amount

Funds	Former Award	This Action	Amended Total
EPA Amount This Action:	\$ 3,270,886.00	\$ 4,228,253.00	\$ 7,499,139.00
EPA In-Kind Amount:	\$ 0.00	\$ 0.00	\$ 0.00
Unexpended Prior Yr. Bal:	\$ 0.00	\$ 0.00	\$ 0.00
Other Federal Funds:	\$ 0.00	\$ 0.00	\$ 0.00
Recipient Contribution:	\$ 0.00	\$ 0.00	\$ 0.00
State Contribution:	\$ 0.00	\$ 0.00	\$ 0.00
Local Contribution:	\$ 0.00	\$ 0.00	\$ 0.00
Other Contribution:	\$ 0.00	\$ 0.00	\$ 0.00
Allowable Project Cost:	\$ 3,270,886.00	\$ 4,228,253.00	\$ 7,499,139.00

Approved Budget

Approved Budget	
Cost Category Classification (Non-construction)	Approved Allowable Budget Period Cost
1. Personnel	\$ 4,480,255
2. Fringe Benefits	\$ 1,120,064
3. Travel	\$ 793,788
4. Equipment	\$ 0
5. Supplies	\$ 35,000
6. Contractual	\$ 510,000
7. Construction	\$ 0
8. Other	\$ 0
9. Total Direct Costs	\$ 6,939,107
10. Indirect Costs	\$ 560,032
IDC Rate 10.00 % Base MTDC	
11. Total (Share: Recipient 0.00 % Federal 100.00 %.)	\$ 7,499,139
12. Total Approved Assistance Amount	\$ 7,499,139
13. Program Income	\$ 0
14. Total EPA Amount Awarded This Action	\$ 4,228,253
15. Total EPA Amount Awarded To Date	\$ 7,499,139

Approved Budget (Continued)**Budget Worksheet #1,Budget Worksheet #1****Section A - Budget Summary**

			Estimated Unobligated Funds		New or Revised Budget		
	Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.	Environmental Finance Center Grant Program,Environmental Finance Center Grant Program,Environmental Finance Center Grant Program	66.203,66.203,66.203			\$ 7,499,139		\$ 7,499,139
2.	„	„					\$ 0
3.	„	„					\$ 0
4.	„	„					\$ 0
5.	TOTALS				\$ 7,499,139		\$ 7,499,139

Section B - Budget Category

	Grant Program, Function or Activity				
6. Object Class Categories	Environmental Finance Center Grant Program,Environ mental Finance Center Grant Program,Environ mental Finance Center Grant	N/A,N/A,N/A	„	„	Total (5)
a. Personnel	\$ 4,480,255	\$ 0	\$ 0	\$ 0	\$ 4,480,255
b. Fringe Benefits	\$ 1,120,064	\$ 0	\$ 0	\$ 0	\$ 1,120,064
c. Travel	\$ 793,788	\$ 0	\$ 0	\$ 0	\$ 793,788
d. Equipment	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
e. Supplies	\$ 35,000	\$ 0	\$ 0	\$ 0	\$ 35,000
f. Contractual	\$ 510,000	\$ 0	\$ 0	\$ 0	\$ 510,000
g. Construction	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
h. Other	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
i. Total Direct Charges (sum of 6a - 6h)	\$ 6,939,107	\$ 0	\$ 0	\$ 0	\$ 6,939,107
j. Indirect Charges	\$ 560,032	\$ 0	\$ 0	\$ 0	\$ 560,032
k. TOTALS (sum of 6i - 6j) (Cost Share Recipient: 100.00	\$ 7,499,139	\$ 0	\$ 0	\$ 0	\$ 7,499,139

Approved Budget (Continued)

Section B - Budget Category

	Grant Program, Function or Activity				
6. Object Class Categories	Environmental Finance Center Grant Program, Environ mental Finance Center Grant Program, Environ mental Finance Center Grant	N/A,N/A,N/A	„	„	Total (5)
% Federal: 0.00 %)	\$ 7,499,139	\$ 0	\$ 0	\$ 0	\$ 7,499,139
I. Total Approved Assistance Amount	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
7. Program Income	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Administrative & Programmatic Conditions

Administrative Terms & Conditions

A. General Terms and Conditions

The General Terms and Conditions of this agreement are updated in accordance with the link below. However, these updated conditions apply solely to the funds added with this amendment and any previously awarded funds not yet disbursed by the recipient as of the award date of this amendment. The General Terms and Conditions cited in the original award or prior funded amendments remain in effect for funds disbursed by the recipient prior to the award date of this amendment.

The recipient agrees to comply with the current EPA general terms and conditions available at: <https://www.epa.gov/grants/epa-general-terms-and-conditions-effective-october-1-2024-or-later>

These terms and conditions are binding for disbursements and are in addition to or modify the assurances and certifications made as a part of the award and the terms, conditions, or restrictions cited throughout the award.

The EPA repository for the general terms and conditions by year can be found at: <https://www.epa.gov/grants/grant-terms-and-conditions#general>.

B. Correspondence Condition

The terms and conditions of this agreement require the submittal of reports, specific requests for approval, or notifications to EPA. Unless otherwise noted, all such correspondence should be sent to the following email addresses:

- Federal Financial Reports (SF-425): rtpfc-grants@epa.gov and **EPA Grants Specialist listed on the award document.**
- MBE/WBE reports (EPA Form 5700-52A): DBE Coordinator, Debora Bradford (Bradford.Debora@epa.gov), OMS-OGD-MBE_WBE@epa.gov and **EPA Grants Specialist listed on the award document**
- All other forms/certifications/assurances, Indirect Cost Rate Agreements, Requests for Extensions of the Budget and Project Period, Amendment Requests, Requests for other Prior Approvals, updates to recipient information (including email addresses, changes in contact information or changes in authorized representatives) and other notifications: **EPA Project Officer and EPA Grants Specialist listed on the award document.**
- Payment requests (if applicable): **EPA Project Officer listed on the award document.**
- Quality Assurance documents, workplan revisions, equipment lists, programmatic reports and deliverables: **EPA Project Officer listed on the award document.**

C. Contingent Funding

Administrative & Programmatic Conditions (Continued)**Administrative Terms & Conditions**

EPA is funding this agreement incrementally. There is no guarantee of funding beyond the first year. The **Total Approved Assistance Amount** identified on Line 12 of the budget table of this award is contingent upon the availability of appropriated funds, EPA funding priorities, and satisfactory progress in carrying out the activities described in the scope of work. If EPA informs the recipient that the amount on Line 12 will be reduced, the recipient agrees to provide an updated workplan and budget information, as needed, to amend the agreement.

D. Payment to Consultants

EPA participation in the salary rate (excluding overhead) paid to individual consultants retained by recipients or by a recipient's contractors or subcontractors shall be limited to the maximum daily rate for a Level IV of the Executive Schedule (formerly GS-18), to be adjusted annually. This limit applies to consultation services of designated individuals with specialized skills who are paid at a daily or hourly rate. As of January 1, 2025, the limit is \$748.24 per day and \$93.53 per hour. This rate does not include transportation and subsistence costs for travel performed (the recipient will pay these in accordance with their normal travel reimbursement practices). Contracts and subcontracts with firms for services which are awarded using the procurement requirements in Subpart D of 2 CFR 200, are not affected by this limitation unless the terms of the contract provide the recipient with responsibility for the selection, direction and control of the individuals who will be providing services under the contract at an hourly or daily rate of compensation. See 2 CFR 1500.10.

All Other Administrative Conditions Remain the Same

Attachments

No files have been attached.

Administrative & Programmatic Conditions (Continued)**Programmatic Terms & Conditions****A. Cybersecurity Grant Condition for Other Recipients, Including Intertribal Consortia**

(a) The recipient agrees that when collecting and managing environmental data under this assistance agreement, it will protect the data by following all applicable State or Tribal law cybersecurity requirements.

(b) (1) EPA must ensure that any connections between the recipient's network or information system and EPA networks used by the recipient to transfer data under this agreement, are secure. For purposes of this Section, a connection is defined as a dedicated persistent interface between an Agency IT system and an external IT system for the purpose of transferring information. Transitory, user-controlled connections such as website browsing are excluded from this definition.

If the recipient's connections as defined above do not go through the Environmental Information Exchange Network or EPA's Central Data Exchange, the recipient agrees to contact the EPA Project Officer (PO) no later than 90 days after the date of this award and work with the designated Regional/Headquarters Information Security Officer to ensure that the connections meet EPA security requirements, including entering into Interconnection Service Agreements as appropriate. This condition does not apply to manual entry of data by the recipient into systems operated and used by EPA's regulatory programs for the submission of reporting and/or compliance data.

(2) The recipient agrees that any subawards it makes under this agreement will require the subrecipient to comply with the requirements in (b)(1) if the subrecipient's network or information system is connected to EPA networks to transfer data to the Agency using systems other than the Environmental Information Exchange Network or EPA's Central Data Exchange. The recipient will be in compliance with this condition: by including this requirement in subaward agreements; and during subrecipient monitoring deemed necessary by the recipient under 2 CFR 200.332(d), by inquiring whether the subrecipient has contacted the EPA Project Officer. Nothing in this condition requires the recipient to contact the EPA Project Officer on behalf of a subrecipient or to be involved in the negotiation of an Interconnection Service Agreement between the subrecipient and EPA.

All Other Programmatic Conditions Remain the Same

Attachments

No files have been attached.

EPA Review

Additional Readers			
Name	Email	Phone	Date Added
No additional readers have been selected.			

Concurrent Approvers		
Concurrent Approver	Date Added	Date Submitted
No concurrent approvers have been selected.		
Due Date:		

Concurrent Approvals		
Response	Concurrence By	Date
No concurrent approvers have been selected.		

EPA Signature

Award Official:	Keva Lloyd	Printed Name:	Keva R. Lloyd
Title:	Associate Award Official	Phone:	202-564-0645
Delegate:	Keva Lloyd		
Title:		Phone:	

Signature			
Approval:	Approved	Date:	02/04/2025
Notes:			
Attachments:			
No files have been attached.			

Recipient Review

Applicant POC:			
Title:		Phone:	

Recipient Acceptance

Authorized Rep			
First Name:	George	Last Name:	Hawkins
Printed Name:	George Hawkins		
Title:	Founder and President	Phone:	Ex. 6 Personal Privacy (PP)