City of Needles, California
Request for Council Action

☒ CITY COUNCIL ☐ NPUA ☐ BOARD OF PUBLIC UTILITIES
☒ Regular ☐ Special

Meeting Date: September 10, 2019

Title: Resolution No. 2019-53; Bureau of Reclamation Water and Energy Efficiency Grant 2020

Background: The Bureau of Reclamation released funding opportunity's through WaterSMART for water and energy efficiency grants for fiscal year 2020 and 2021. The grant requires a 50 percent share of the project costs in which in-kind can be utilized. The two funding opportunities are; Group 1: up to $300,000 per agreement or Group 2: up to $1,500,000 per agreement.

Staff has reviewed the application guidelines and drafted a budget estimate to install Advanced Metering Infrastructure (AMI) meters for the Water and Electric Department. In order to meet the match requirements in-kind was utilized and the project is scoped that City staff will install the meters.

Fiscal Impact: The project estimate and estimate of Needles Share for the Water Department is;

TOTAL PROJECT/ACTIVITY COSTS:	$ 427,653.27
BOR SHARE	$ 213,826.63
NEEDLES SHARE (INCLUDES $123,163.77 IN-KIND MATCH)	$ 90,662.87

The project estimate and estimate of Needles Share for the Electric Department is;

**Proposed estimate requires BOR's approval on the in-kind calculations.*

TOTAL PROJECT/ACTIVITY COSTS:	$ 737,274.18
BOR SHARE	$ 368,637.09
NEEDLES SHARE (INCLUDES $130,479.18 IN-KIND MATCH)	$ 238,157.91

The Board of Public Utilities adopted Resolution No. 9-3-19 BPU on 9/3/19 approving the recommended action.

Recommended Action: ***Move*** to approve Resolution No. 2019-53 authorizing the City Manager, or designee, to apply for, receive, and enter into a cooperative agreement, and administer a grant for the 2020 Bureau of Reclamation Water and Energy Efficiency Grant.

Submitted By: Rainie Torrance, Senior Accountant

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City of Needles, California
Request for Council Action

City Management Review: Rick **Date:** 8/22/19

Approved: ☐	Not Approved: ☐	Tabled: ☐	Other: ☐
			Agenda Item: 8

RESOLUTION NO. 2019-53

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF NEEDLES, CALIFORNIA, AUTHORIZING THE CITY MANAGER, OR DESIGNEE , TO APPLY FOR, RECEIVE, AND ENTER INTO A COOPERATIVE AGREEMENT, AND ADMINISTER A GRANT FOR THE 2020 BUREAU OF RECLAMATION WATER AND ENERGY EFFICIENCY GRANT

WHEREAS, the City Manager of the *City of Needles, or designee,* may legally bind the City of Needle by his/her signature; and

WHEREAS, the *City of Needles* **("CITY")** wishes to enter into the Bureau of Reclamation's Challenge Grants Program to fund a water and energy efficiency in the amount not to exceed $1,500,000 project and the City will provide the amount of funding and/or in-kind contributions specified in the funding plan; and

WHEREAS the *Needles City Council* and the *City Manager* have reviewed and support the application submitted, and

WHEREAS, the *CITY* will work with the *Bureau of Reclamation* to meet established guidelines for entering into a cooperative agreement.

NOW, BE IT THEREFORE, BE IT RESOLVED that the City Council of the City of Needles, California, hereby supports the application submitted and authorizes the City Manager to execute any and all documents associated with this grant process.

PASSED, APPROVED AND ADOPTED at a regular meeting of the City Council of the City of Needles, California, held on the 10th day of September, 2019, by the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

_____
Mayor

(SEAL)

ATTEST:_____
City Clerk

APPROVED AS TO FORM:

_____
City Attorney

City of Needles - **AMR Entire Project** WATER

Budget Estimate:

BUDGET ITEM DESCRIPTION	COMPUTATION Price	Unit	Quantity	Recipient Share	BOR Share	TOTAL COST
SALARIES AND WAGES						
Chief Water Plant Operator	$40.59	hr	240	$ 9,741.60		$ 9,741.60
Water Foreperson	$32.30	hr	240	$ 7,752.00		$ 7,752.00
Associate Water Operator	$27.02	hr	240	$ 6,484.80		$ 6,484.80
Associate Water Operator	$27.02	hr	240	$ 6,484.80		$ 6,484.80
Water Operator-In-Training	$16.62	hr	240	$ 3,988.80		$ 3,988.80
Meter Reader	$14.31	hr	240	$ 3,434.40		$ 3,434.40
Engineering Tech. II	$23.69	hr	80	$ 1,895.20		$ 1,895.20
Business Office Manager	$25.66	hr	240	$ 6,158.40		$ 6,158.40
Customer Service Rep II	$15.21	hr	240	$ 3,650.40		$ 3,650.40
Senior Accountant	$34.58	hr	80	$ 2,766.40		$ 2,766.40
Finance Director	$51.49	hr	40	$ 2,059.60		$ 2,059.60
City Manager	$104.32	hr	40	$ 4,172.80		$ 4,172.80
			Subtotal	**$ 58,589.20**	**$0.00**	**$ 58,589.20**
FRINGE BENEFITS – From Total Payroll cost						
FICA (Social)	6.200%	%	$ 58,589.20	$ 3,632.53		$ 3,632.53
SUTA	4.200%	%	$ 58,589.20	$ 2,460.75		$ 2,460.75
Workman's Comp	1.991%	%	$ 58,589.20	$ 1,166.51		$ 1,166.51
Health Insurance (Family)	7.000%	%	$ 25,873.60	$ 1,811.15		$ 1,811.15
Health Insurance (Employee/Employee +1)	8.000%	%	$ 32,715.60	$ 2,617.25		$ 2,617.25
Pension (Pepra)	6.985%	%	$ 36,551.20	$ 2,553.10		$ 2,553.10
Pension (Classic)	9.680%	%	$ 22,038.00	$ 2,133.28		$ 2,133.28
			Subtotal	**$ 16,374.57**	**$0.00**	**$ 16,374.57**
TRAVEL						
Vehicle Use for Install of Meters	$60.00	HR	240	$14,400.00		$ 14,400.00
Vehicle Use for Install of Meters	$60.00	HR	240	$14,400.00		$ 14,400.00
Vehicle Use for Install of Meters	$60.00	HR	240	$14,400.00		$ 14,400.00
			Subtotal	**$43,200.00**		$ 43,200.00
SUPPLIES, MATERIALS AND EQUIPMENT						
Meter(s)					$ 304,489.50	$ 304,489.50
Miscellaneous Supplies (pipe fittings, glue, primer, vents, check valves)				5,000.00		$ 5,000.00
						$ -
				$5,000.00	$ 304,489.50	$ 309,489.50
CONTRACTS						
				$0.00		$0.00
TOTAL DIRECT COSTS:						**$ 427,653.27**
INDIRECT COSTS -						
no indirect charged to subcontr or equip						$ -
TOTAL PROJECT/ACTIVITY COSTS:				**$ 123,163.77**	**$304,489.50**	**$ 427,653.27**

BOR Share	$	213,826.63
Needles Share (less in-kind)	**$**	**90,662.87**

Authomatic Meter Reading Project (AMR)

WATER

Meter Size	Unit Price	Quantity		Total Cost
5/8 X 3/4 "	100.00	1719	$	171,900.00
1 "	225.00	98	$	22,050.00
1-1/2 "	100.00	41	$	4,100.00
2 "	225.00	79	$	17,775.00
3 "	225.00	1	$	225.00
4 "	225.00	3	$	675.00
6"	255.00	2	$	510.00
10 "	255.00	1	$	255.00
			$	**217,490.00**
		Project Management/Intergration	**$**	**62,500.00**
		Network Infrastrucutre	**$**	**10,000.00**
		Total	**$**	**289,990.00**
		5% Contingency	$	14,499.50
		Estimated Total	**$**	**304,489.50**

City of Needles - **AMI Entire Project** ELECTRIC

Budget Estimate:

BUDGET ITEM DESCRIPTION	COMPUTATION Price	Unit	Quantity	Recipient Share	BOR Share	TOTAL COST
SALARIES AND WAGES						
Line Crew Supervisor	$42.24	hr	240	$ 10,137.60		$ 10,137.60
Powerline Tech.	$38.58	hr	240	$ 9,259.20		$ 9,259.20
Powerline Tech.	$38.58	hr	240	$ 9,259.20		$ 9,259.20
Powerline Tech. Apprentise	$21.30	hr	240	$ 5,112.00		$ 5,112.00
Powerline Tech. Apprentise	$20.08	hr	240	$ 4,819.20		$ 4,819.20
Materials Coordinator	$21.03	hr	240	$ 5,047.20		$ 5,047.20
Engineering Tech. II	$23.69	hr	80	$ 1,895.20		$ 1,895.20
Business Office Manager	$25.66	hr	240	$ 6,158.40		$ 6,158.40
Customer Service Rep II	$15.21	hr	240	$ 3,650.40		$ 3,650.40
Senior Accountant	$34.58	hr	80	$ 2,766.40		$ 2,766.40
Finance Director	$51.49	hr	40	$ 2,059.60		$ 2,059.60
City Manager	$104.32	hr	40	$ 4,172.80		$ 4,172.80
			Subtotal	**$ 64,337.20**	**$0.00**	**$ 64,337.20**
FRINGE BENEFITS – From Total Payroll cost						
FICA (Social)	6.200%	%	$ 64,337.20	$ 3,988.91		$ 3,988.91
SUTA	4.200%	%	$ 64,337.20	$ 2,702.16		$ 2,702.16
Workman's Comp	1.991%	%	$ 64,337.20	$ 1,280.95		$ 1,280.95
Health Insurance (Family)	7.000%	%	$ 30,551.20	$ 2,138.58		$ 2,138.58
Health Insurance (Employee/Employee +1)	8.000%	%	$ 33,786.00	$ 2,702.88		$ 2,702.88
Pension (Pepra)	6.985%	%	$ 40,792.00	$ 2,849.32		$ 2,849.32
Pension (Classic)	9.680%	%	$ 23,545.20	$ 2,279.18		$ 2,279.18
			Subtotal	**$ 17,941.98**	**$0.00**	**$ 17,941.98**
TRAVEL						
Vehicle Use for Install of Meters	$60.00	HR	240	$14,400.00		$ 14,400.00
Vehicle Use for Install of Meters	$60.00	HR	240	$14,400.00		$ 14,400.00
Vehicle Use for Install of Meters	$60.00	HR	240	$14,400.00		$ 14,400.00
			Subtotal	**$43,200.00**		$ 43,200.00
SUPPLIES, MATERIALS AND EQUIPMENT						
Meter(s)					$ 606,795.00	$ 606,795.00
Miscellaneous Supplies (pipe fittings, glue, primer, vents, check valves)				5000		$ 5,000.00
						$ -
				$5,000.00	$ 606,795.00	$ 611,795.00
CONTRACTS						
				$0.00		$0.00
TOTAL DIRECT COSTS:						$ 737,274.18
INDIRECT COSTS -						
no indirect charged to subcontr or equip						$ -
TOTAL PROJECT/ACTIVITY COSTS:				**$ 130,479.18**	**$606,795.00**	**$ 737,274.18**

BOR Share	$	368,637.09
Needles Share (less in-kind)	**$**	**238,157.91**

Automatic Meter Reading Project (AMR)

ELECTRIC

Meter Size	Unit Price	Quanity		Total Cost
Polyphase	300.00	168	$	50,400.00
Single Phase	150.00	2,500	$	375,000.00
			$	**425,400.00**
		Project Management/Integration	$	**62,500.00**
		Network Infrastructure	$	**90,000.00**
		Total	$	577,900.00
		5% Contingency	$	28,895.00
		Estimated Total	$	**606,795.00**