

Five Year Capital Improvement Project List

Presented to HPUD Board of Directors on June 18, 2015

Adopted June 18, 2015

Justification	CAPITAL IMPROVEMENT PROJECTS	Total Estimated Cost	Previous Fiscal Years Costs	FYE 2013-2014 ACTUALS	Project Schedule 2014-15	Project Schedule 2015-16	Project Schedule 2016-17	Project Schedule 2017-18	Project Schedule 2018-19	Project Schedule 2019-20	LONG TERM 6-10 YRS	Project Totals
Compliance	Water System Improvement Projects	8,745,145										
Plant Exp/TTHM	Water Plant Expansion/TTHM		633,099	79,755	9,671	4,785,512	1,189,925					6,697,963
Water Distribution Lines	Water Dist Lines Engineering & Design		0			5,000	209,900	239,900	1,361,256	231,126	0	2,047,182
	TOTAL		633,099	79,755	9,671	4,790,512	1,399,825	239,900	1,361,256	231,126	0	8,745,145
	Wastewater System Improvement Projects	8,785,251										
Recycle water For Parks irrigation and Ormat	Tertiary Wastewater treatment Project					25,000	645,560	7,922,772				8,593,332
	Manholes Rehabilitation Project 1st phase (3) 2nd Phase (10)					47,769	144,150				0	191,919
	TOTAL					72,769	789,710	7,922,772				8,785,251
	Parks Department Improvements	1,119,480										
Sports Lights	Tito Huerta Park					37,500	250,000				0	287,500
Recreation Park	Tito Huerta Basketball Court					80,000						80,000
Improvements	Jiggs Johnson Park		0	0	0	83,750	75,000	100,000			0	258,750
Play Equip	Children's Park		0	0	0	62,000	100,000				0	162,000
Basin & Park	Correll Estates - Basin and Park Development		12,565	0	11,735	131,929	175,000				0	331,230
	TOTAL		12,565	0	11,735	395,179	600,000	100,000				1,119,480
	General All Fund Improvement	2,340,000										
New Offices	New HPUD Offices		0	0	0	0	0	2,300,000			0	2,300,000
Improve old buildings	New shingles - roof repair, wall partitions & paint		0	0	0	40,000	0				0	40,000
	TOTAL		0	0	0	40,000	0	2,300,000				2,340,000

HPUD Five Year Capital Improvement Project List

Presented to HPUD Board of Directors on June 18, 2015
Adopted June 18, 2015

WATER DEPARTMENT

Funding Source	Water Plant Improvement Project											
State Revolving Fund Application Submitted - July 2013	Water Plant Improvements - Description TTHM Compliance Project Expansion to 4 MGD High Service Pump Station Fire Flow	Previous FY costs	Project Cost Estimate FY 2015	Project Design & FY2012-13	Project Schedule FY 13-14	Project Schedule FY 14-15	Project Schedule FY 15-16	Project Schedule FY 16-17	Project Schedule FY 17-18	Project Schedule FY 19-20	LONG TERM 6-10 YRS	Project Totals
Project will be 100% financed with SRF. \$3MM grant \$3,235,984 loan. HPUD will be reimbursed for 100% of funds expended in advance, if monies are available, after completion of the project.	Project Components											
	Design -WTP Original cost	446,979	446,979		0							446,979
	Grant Application & follow ups	15,000	6,071	1,774	2,858	4,298						15,000
	0.1% Admin & Legal		15,000		5,205	3,505	6,290					15,000
	0.2% Planning (CUP, ND,Env, Application)		20,000	13,199	11,776	1,309	(6,284)					20,000
	2.5% Design		242,850	166,850	61,000	2,000	13,000					242,850
	0.0% Bidding		38,784				38,784					38,784
	0.0% Engineering- Staking, Geo & Elec		107,568				107,568					107,568
	0.0% Construction Management		361,986				289,589	72,397				361,986
	5.0% Contingency		258,562				129,281	129,281				258,562
	Mobilization		200,000				200,000					200,000
	SWPPP		50,000				50,000					50,000
	Labor compliance		20,000				16,000	4,000				20,000
	Construction Costs		4,921,234				3,936,987	984,247				4,921,234
	TOTAL		461,979.00	6,235,984	633,099	79,755	9,671	4,785,512	1,189,925			
CUMMULATIVE TOTAL:			\$ 6,697,963	633,099	712,855	722,526	5,508,038	6,697,963				

HPUD Cash Flow

WATER DISTRIBUTION LINES - ASSESSMENT, REPAIR AND OR REPLACE

UNFUNDED	Water Distribution Lines										
Will seek for grant funds and use of water fund revenues	Potable Water Distribution Lines	Project Cost Estimate FY 2015	Budgeted	Actuals FY 14-15	Project Schedule FY 15-16	Project Schedule FY 16-17	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	LONG TERM 6-10 YRS	Project Totals
Project Components											
	Application & follow-ups	15,000			5,000	10,000					15,000
	Engineering Design	184,900				184,900					184,900
	Planning (CUP, ND,Env, Application)	40,000				15,000	25,000				40,000
	Bidding & Construction	30,000					30,000				30,000
	Construction, Inspection Adm & Survey & Contingency	1,777,282					184,900	1,361,256	231,126		1,777,282
	TOTAL	2,047,182			5,000	209,900	239,900	1,361,256	231,126		2,047,182

IIRWMP - DROPPED PROJECT -

HPUD Five Year Capital Improvement Project List

Presented to HPUD Board of Directors on June 18, 2015.

Adopted June 18, 2015

WASTEWATER DEPARTMENT

Funding Source		Wastewater Tertiary Water Treatment Project		Project Total Cost	Project Schedule FY 15-16	Project Schedule FY 16-17	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	LONG TERM 6-10 YRS	Project Totals
IIRWMP - HPUD - ORMAT		Wastewater secondary water effluent to Tertiary water for Parks Irrigation and sale to Ormat.									
		Project Components									
IIRWMP Grant and 1% Loan thru SWRCB SRF. Looking to fund the Project with Ormat Contribution and HPUD funds.		Application - costs	25,000		25,000						25,000
	0.0%	Engineering and Design	586,872			586,872					586,872
	0.0%	Bidding	36,680			36,680					36,680
	0.0%	Engineering- Staking, Geo & Elec	22,008			22,008					22,008
	8.0%	Construction Management	586,872				586,872				586,872
		Construction Costs	6,669,000				6,669,000				6,669,000
	10.0%	Contingency	666,900				666,900				666,900
	18.0%	TOTAL	8,593,332	0	25,000	645,560	7,922,772				8,593,332
Funding Source		Wastewater Tertiary Water Treatment									
Wastewater Funds		Wastewater Manholes Rehabilitation Project: 1st Phase 3 Manholes - 2nd Phase 10 Manholes.		Project Total Cost	Project Schedule FY 15-16	Project Schedule FY 16-17	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	LONG TERM 6-10 YRS	Project Totals
		Project Components									
Sewer Manholes Rehabilitation Program		Engineering and Design	10,000	10,000							10,000
		Bidding	10,000	5,000							10,000
		Construction Costs	156,289	29,789	126,500						156,289
	5.0%	Contingency for budget purposes only	15,630	2,980	12,650						15,630
		TOTAL	191,919	47,769	144,150	0	0				191,919

HPUD Five Year Capital Improvement Project List

Presented to HPUD Board of Directors on June 18, 2015

Adopted June 18, 2015

UNFUNDED		PARKS DEPARTMENT										
Funding Source		Tito Huerta Park		1	2	3	4	5	LONG TERM 6-10 YRS	Project Totals		
		Resident Request Sports Lights		Previous Fiscal Years Costs	Project Schedule FY 14-15	Project Schedule FY 15-16	Project Schedule FY 16-17	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	Project Totals	
Property Taxes TRA 006-004 Anticipated \$57,000 per year Covers Maintenance Only - NO FUNDS AVAILABLE FOR CAPITAL PROJECTS		Project Components				37,500					37,500	
		15% Admin - Engineering					200,000				200,000	
		Material					50,000				50,000	
		Construction										
		TOTAL					250,000				287,500	
UNFUNDED		PARKS DEPARTMENT										
Funding Source		Resident Request for a Basketball court and up-grade the existing lights		Previous Fiscal Years Costs	Project Schedule FY 14-15	Project Schedule FY 15-16	Project Schedule FY 16-17	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	LONG TERM 6-10 YRS	Project Totals
General Property Taxes		Project Components				45,000	35,000					80,000
		Construction of a Basketball court										80,000
		TOTAL										80,000
UNFUNDED		PARKS DEPARTMENT										
Funding Source		Jiggs Johnson Park		Previous Fiscal Years Costs	Project Schedule FY 14-15	Project Schedule FY 15-16	Project Schedule FY 16-17	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	LONG TERM 6-10 YRS	Project Totals
Heber Meadows CFD Anticipated \$16,000 per year for Maintenance Only		Project Components				33,750						33,750
		15% Admin Costs						100,000				100,000
		Restrooms				0	75,000					75,000
		Area Lights										
		Shade Structure over Tables				50,000						50,000
NO FUNDS AVAILABLE FOR CAPITAL IMPROVEMENTS		TOTAL				83,750	75,000	100,000				258,750

UNFUNDED

PARKS DEPARTMENT

Funding Source

Children's Park

Property Taxes from TRA 006-002
Used for Maintenance of Parks

Replace 40+ year old play equipment,
shade structures, benches and tables

Previous Fiscal Years Costs	Project Schedule FY 14-15	Project Schedule FY 15-16	Project Schedule FY 16-17	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	LONG TERM 6-10 YRS	Project Totals
-----------------------------	---------------------------	---------------------------	---------------------------	---------------------------	---------------------------	---------------------------	--------------------	----------------

NO FUNDS AVAILABLE FOR CIP

Project Components
8% Admin Costs
Replace Play Ground Equipment
Shade Structure over Tables
TOTAL

		12,000						12,000
			100,000					100,000
		50,000						50,000
		62,000	100,000	0	0	0		162,000

UNFUNDED

PARKS DEPARTMENT

Funding Source

Correll Estates - Retention Basin

Property Taxes from TRA 006-002
Used for Maintenance of Parks

Currently Dispute The Responsible Party
To Construct Basin to Development
Standards Set By Imperial County

Previous Fiscal Years Costs	Project Schedule FY 14-15	Project Schedule FY 15-16	Project Schedule FY 16-17	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	LONG TERM 6-10 YRS	Project Totals
-----------------------------	---------------------------	---------------------------	---------------------------	---------------------------	---------------------------	---------------------------	--------------------	----------------

\$82,000 fund available from HPUD, (50,000 offered by County) Other funds sources needed to complete the project.

Project Components
8% Admin & Legal Costs
7% Engineering Design
Construct Basin & Banks
Park Improvements - Basketball Ct.
TOTAL

12,565	11,735	3,917						28,217
		16,552						16,552
		111,460						111,460
			175,000					175,000
12,565	11,735	131,929	175,000					331,230

1,119,480

HPUD Five Year Capital Improvement Project List

Presented to HPUD Board of Directors on June 18, 2015

Adopted June 18, 2015

UNFUNDED									
ALL FUNDS - GENERAL PROJECTS									
Funding Source	New Office Building		Project Schedule FY 15-16	Project Schedule FY 16-17	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	LONG TERM 6-10 YRS	Project Totals
All Funds Water Sewer Trash Parks (start building a fund? Issue Bonds?)	New Office Building Possible Location on Dogwood Rd. Property Owned by HPUD	Total Project Cost \$ 2,300,000							
	Project Components								
	15% Admin - Engineering					300,000			300,000
	Construction					2,000,000			2,000,000
	TOTAL					2,300,000			2,300,000
Funding Source	Improve the old Buildings		Project Schedule FY 15-16	Project Schedule FY 16-17	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	LONG TERM 6-10 YRS	Project Totals
All Funds: Water, Sewer, Trash and Parks (Fund balance from trash royalties)	New Roof shingles, paint, wall partitions -	Total Project Cost \$ 40,000							
	Project Components								
	Old shingles removal and disposal		1,000						1,000
	Wood Framing, plywood and insulation inspection		800						800
	Materials -for partitions and labor		12,500						12,500
Roof Materials and Labor		25,700						25,700	
TOTAL			40,000						40,000