

PSA Listing
PS12M Magnolia Power Project
Budget Development
FY 21-22 Budget

PSA ITEMS	PSA Vendor Name	PSA Amount	PSA Purpose	PSA Fund	PSA Cost Ctr	PSA Account-Subaccount	PSA Regulatory
Item # 1	ESC Engineering	25,000	Arc Flash Mitigation Study for SCPPA's MPP Project	483	PS12M	62085_0000	54800
Item # 2	RKI Engineering	27,000	Zero Liquid Discharge System (ZLD) and Programmable Logic Controller (PLC) programming and troubleshooting support for SCPPA's MPP Project	483	PS12M	62085_0000	54850
Item # 3	TBD	110,000	ZLD Consultant for operational assurance	483	PS12M	62085_0000	54850
Item # 4	TBD	45,000	Provide protection relay engineering services for the test shop to support the MPP relay maintenance requirements for SCPPA's MPP Project	483	PS12M	62085_0000	55300
Item # 5	TBD	40,000	Air emissions testing services to meet environmental requirements for annual testing of MPP, as required by the South Coast Air Management District for SCPPA's MPP Project	483	PS12M	62085_0000	54900
Item # 6	TBD	60,000	Engineering Computer Aided Design (CAD) support to properly capture documentation of power plant process changes (red-lined drawings) for SCPPA's MPP Project	483	PS12M	62085_0000	54900
Item # 7	TBD	35,000	To provide specialized power plant controls engineering support for SCPPA's MPP Project	483	PS12M	62085_0000	54800
Item # 8	TBD	100,000	Engineering support for unplanned plant maintenance issues, such as equipment malfunctions and failures, integration of regulatory or insurance safety audit findings and recommendations, and to address other reliability issues to be identified for SCPPA's MPP Project	483	PS12M	62085_0000	54800
Item # 9	TBD	75,000	Environmental regulatory compliance and permitting support for SCPPA's MPP Project	483	PS12M	62085_0000	54800
Item # 10	TBD	45,000	To represent MPP's interests regarding So. Cal Gas Curtailments for SCPPA's MPP Project	483	PS12M	62085_0000	54800
Item # 11	Trimark Associates	5,000	To meet generation reporting requirements for Western Renewable Energy Generation Information System (WREGIS) for SCPPA's MPP Project	483	PS12M	62085_0000	54800
Item # 12	OATI	36,000	Services and support for wholesale energy transaction management for SCPPA's MPP Project	483	PS12M	62316_0000	55600
Item # 13	OSisoft	18,000	Plant Data Historian Software (PI) license for SCPPA's MPP Project	483	PS12M	62316_0000	55600
Item # 14	TBD	300,000	Water treatment chemicals, as needed to maintain process chemistry in the Zero Liquid Discharge System (ZLD) for SCPPA's MPP Project	483	PS12M	62380_0000	54850
Item # 15	TBD	140,000	Boiler and cooling tower chemicals, as needed to maintain water chemistry in MPP within acceptable operating limits for SCPPA's MPP Project	483	PS12M	62381_0000	54800
Item # 16	TBD	10,500	MPP-specific environmental training for SCPPA's MPP Project	483	PS12M	62775_0000	54900
Item # 17	TBD	100,000	Provide environmental compliance support for MPP storm water, air quality, and waste management activities for SCPPA's MPP Project	483	PS12M	63240_0000	54800
Item # 18	TBD	25,000	Human Machine Interface (HMI), Programmable Logic Controller (PLC), and Continuous Emissions Monitoring System (CEMS) support for SCPPA's MPP Project	483	PS12M	63240_0000	54800
Item # 19	TBD	15,000	Greenhouse gas emissions report verification services for SCPPA's MPP Project	483	PS12M	63240_0000	54800
Item # 20	TBD	40,000	Legal support for environmental compliance for SCPPA's MPP Project	483	PS12M	63240_0000	54800
Item # 21	TBD	245,217	Demineralized water production for SCPPA's MPP Project	483	PS12M	63295_0000	54800
Item # 22	TBD	50,000	Professional consultations to address reliability requirements and process improvements within the Zero Liquid Discharge System (ZLD) for SCPPA's MPP Project	483	PS12M	70070_0000	99929

Item # 23	TBD	40,000	Permitting and engineering for stormwater improvements for SCPPA's MPP Project	483	PS12M	70070_0000	99929
Totals		\$1,586,717					

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