

<b>REQUEST FOR COUNCIL ACTION</b> CITY OF SAN DIEGO	CERTIFICATE NUMBER (FOR COMPTROLLER'S USE ONLY)
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TO: CITY COUNCIL	FROM (ORIGINATING DEPARTMENT): ECP/Arch Eng and Parks	DATE: 12/23/2009
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SUBJECT: Approval of the Plans and Specifications and Award of Construction Contract for the Point Loma Wastewater Treatment Plant Grit Processing Facility to the Lowest Responsible Bidder.

PRIMARY CONTACT (NAME, PHONE): Darren Greenhalgh, 619-533-5660	SECONDARY CONTACT (NAME, PHONE): Iraj Asgharzadeh, 619-533-5105
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**COMPLETE FOR ACCOUNTING PURPOSES**

FUND	700001	700001			
DEPT / FUNCTIONAL AREA	OTHR-00000000-PR	OTHR-00000000-PR			
ORG / COST CENTER	2012111217	2012111217			
OBJECT / GENERAL LEDGER ACCT	512117	512025			
JOB / WBS OR INTERNAL ORDER	S-00315.08	S-00315.06.01.02			
C.I.P./CAPITAL PROJECT No.	S-00315	S-00315			
AMOUNT	\$4,953,006.75	\$28,500,000.00	0.00	0.00	0.00

FUND					
DEPT / FUNCTIONAL AREA					
ORG / COST CENTER					
OBJECT / GENERAL LEDGER ACCT					
JOB / WBS OR INTERNAL ORDER					
C.I.P./CAPITAL PROJECT No.					
AMOUNT	0.00	0.00	0.00	0.00	0.00

**COST SUMMARY (IF APPLICABLE):**

Current: \$6,074,281.00  
 Ph.1(FY11): \$7,959,003.75  
 Ph.2(FY12): \$10,435,000.00  
 Ph.3(FY13): \$11,070,000.00  
 Ph.4(FY14): \$3,989,003.00  
 Total : \$39,527,287.75  
 Less Prev \$6,074,281.00  
 Total This Request: \$33,453,006.75

**ROUTING AND APPROVALS**

CONTRIBUTORS/REVIEWERS:	APPROVING AUTHORITY	APPROVAL SIGNATURE	DATE SIGNED
	ORIG DEPT.		
	CFO		
	DEPUTY CHIEF		
	COO		

		CITY ATTORNEY		
		COUNCIL PRESIDENTS OFFICE		
PREPARATION OF:	<input checked="" type="checkbox"/> RESOLUTIONS	<input type="checkbox"/> ORDINANCE(S)	<input type="checkbox"/> AGREEMENT(S)	<input type="checkbox"/> DEED(S)
<p>1. Approve the Plans and Specifications for construction of the Pt. Loma Grit Processing Facility as advertised by the Purchasing and Contracting Department; and</p> <p>2. Authorize the Chief Financial Officer to expend of \$33,453,006.75 for CIP S-00315 (Legacy CIP 45-943.0), Point Loma Grit Processing Improvements, Fund 700001, Sewer, for the purpose of construction of the Point Loma Grit Processing Improvements Project contingent upon the City Comptroller furnishing one or more certificates certifying that the funds necessary for expenditure under established contract phases are, or will be on deposit with the City Treasurer; and,</p> <p>3. Authorize the Mayor, or his designee to establish contract funding phases and execute a construction contract with the lowest responsible and reliable bidder contingent upon the City Comptroller furnishing one or more certificates certifying that the funds necessary for expenditure under established contract funding phases are, or will be, on deposit with the City Treasurer; and,</p> <p>4. Authorize the use of City Force Work in CIP S-00315 (Legacy CIP 45-943.0), Point Loma Grit Processing Improvements, Fund 700001, Sewer, for the construction of the Point Loma Grit Processing Improvements in an amount not to exceed \$500,000; and,</p> <p>5. Authorizing the Chief Financial Officer, upon advice from the administering department, to return excess budgeted funds, if any, to the appropriate reserves.</p>				
STAFF RECOMMENDATIONS: Approve Requested Actions and adopt the Resolution				
SPECIAL CONDITIONS (REFER TO A.R. 3.20 FOR INFORMATION ON COMPLETING THIS SECTION)				
COUNCIL DISTRICT(S):	2 (Faulconer)			
COMMUNITY AREA(S):	Point Loma (2) Cabrillo Point			
ENVIRONMENTAL IMPACT:	This activity is covered under the previously certified addendum to EIR No. 94-5010, SCH No. 94-101024 (Project No. 42-0358). The activity is adequately addressed in the environmental document and there is no change in circumstance, additional information, or project changes to warrant additional environmental review.			
CITY CLERK INSTRUCTIONS:	Upon approval please, forward two (2) copies of the 1472 and resolution to Joanne Ferrer at the Project Implementation & Technical Services Division, MS 908A, and Bob Barreras at PUD, MS 901A			

**COUNCIL ACTION  
EXECUTIVE SUMMARY SHEET  
CITY OF SAN DIEGO**

DATE: 12/23/2009

ORIGINATING DEPARTMENT: ECP/Arch Eng and Parks

SUBJECT: Approval of the Plans and Specifications and Award of Construction Contract for the Point Loma Wastewater Treatment Plant Grit Processing Facility to the Lowest Responsible Bidder.

COUNCIL DISTRICT(S): 2 (Faulconer)

CONTACT/PHONE NUMBER: Darren Greenhalgh/619-533-5660

**REQUESTED ACTION:**

Approve the Plans and Specifications for the construction of the PLWTP Grit Processing Facility and Award the construction of the PLWTP Grit Processing Facility to the lowest responsible bidder.

**STAFF RECOMMENDATION:**

Approve Requested Actions and adopt the Resolution

**EXECUTIVE SUMMARY OF ITEM BACKGROUND:** The Grit Processing Improvements Project (GIP) is located at the existing Point Loma Wastewater Treatment Plant (PLWTP).

Presently the PLWTP has six aerated grit basins constructed between 1962 and 1988. The south grit tanks were part of the original PLWTP construction. The central and north pair of grit tanks was added in 1983 and 1988 respectively. This project will reconstruct the south grit tanks and its adjacent pump gallery; replace the head works building with a drive through facility and new grit processing equipment. It also includes an interim grit processing facility to allow processing to continue during construction.

Adequacy of the grit removal is a major issue because of the wear and tear the material causes on the downstream equipment and the decrease in treatment capacity and efficiency. It is estimated that PLWTP spends \$1,000,000 a year on grit removal from plant digesters. The material also effects the operations, maintenance and performance of the Metro Bio-solids Center.

The project was originally bid in 2003 per Resolution R-298298 however due to ongoing discussions concerning secondary treatment the project was placed on hold. When it was determined the Grit facility would not interfere with possible secondary treatment it was decided to go forward.

Award to the lowest responsible bidder at a sum not to exceed \$28,500,000 will allow the project to proceed and replace the original Grit facility and complete the final phase of the rehabilitation of the Pt Loma Wastewater Treatment Plant.

**FISCAL CONSIDERATIONS:** The total estimated cost of this project is \$39,527,287.75.

Enterprise funding of \$39,527,287.75 will be available in CIP S-00315 (Legacy CIP 45-943.0), Point Loma Grit Processing Improvements, Fund 700001, Sewer for this purpose. Project cost may be reimbursed approximately 80% with current or future debt financing. The project is scheduled to be funded in four phases Fiscal Year 2011 thru Fiscal Year 2014. Contingent upon the availability of funds, the City Comptroller will issue a Comptroller's Certificate for each phase of the project and contingent upon City Council approval of the Fiscal Year 2011 thru Fiscal Year 2014 Appropriation Ordinances.

EQUAL OPPORTUNITY CONTRACTING INFORMATION (IF APPLICABLE): This Project will utilize the goals identified as part of the State Revolving Fund Loan requirements. The mandatory subcontracting percentage for this Project will be determined by the City's Engineering and Capital Improvement Projects Department based on the goals specified by the loan agreement. The funding source is the State Revolving Fund is providing \$46,419,892. At this time the contractor has not been identified.

PREVIOUS COUNCIL and/or COMMITTEE ACTION: The subject item will be presented to the committee on Natural Resources and Culture prior to the Council Docket Date.

COMMUNITY PARTICIPATION AND PUBLIC OUTREACH EFFORTS: All construction will take place at the PLWTP and will not be noticeable to the general public therefore Community Participation outreach efforts were deemed Not Applicable.

KEY STAKEHOLDERS AND PROJECTED IMPACTS: The key stakeholders identified are the public and the City of San Diego. The Project is located at the PLWTP at the end of Cabrillo Point a National Monument. The area will encounter minor inconveniences during construction.

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Originating Department

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Deputy Chief/Chief Operating Officer

**PROJECT COST ESTIMATE BY FY**

Prepared by: Seymour  
Date: 14-Jan-10  
WBS: S-00315

Agreement \_\_\_\_\_  
Advertise **X**  
Award/Amend \_\_\_\_\_

Grit Processing Improvements Project  
(Project Title)

ACTIVITY	% OF E	Previous	WBS S-00315 45-943.0				TOTALS	% OF E
			Legacy CIP FY11 Phase 1	FY12 Phase 2	FY13 Phase 3	FY14 Phase 4		
<b>A. Planning/Design/Administration</b>								
4114 512114 Preliminary Engineering	1.0%	406,223.22	0.00	0.00	0.00	406,223.22		
4115 512034 Outside Engineering - Tasks	0.2%	77,756.53	0.00	0.00	0.00	77,756.53		
4116 512114 Construction Engineering	6.2%	110,214.47	684,003.75	650,000.00	269,003.00	2,463,221.22		
4118 512034 Engineering Design	9.9%	3,911,121.00	0.00	0.00	0.00	3,911,121.00		
4121 512114 Engineering Servit	0.5%	200,000.00	0.00	0.00	0.00	200,000.00		
<b>Total Planning/Design/Administration</b>	<b>16.8%</b>	<b>4,705,315.22</b>	<b>684,003.75</b>	<b>650,000.00</b>	<b>269,003.00</b>	<b>7,058,321.97</b>	<b>17.9%</b>	
<b>B. Construction</b>								
4146 512047 Misc Permits	0.1%	39,998.46	0.00	0.00	0.00	39,998.46		
4150 512059 Safety	0.0%	0.00	0.00	0.00	0.00	0.00		
4159 512026 Construction Management	0.0%	0.00	0.00	0.00	0.00	0.00		
4220 512025 Prime Construction Contract	72.1%	0.00	6,650,000.00	9,010,000.00	3,095,000.00	28,500,000.00		
42202 512025 Construction Cont	3.1%	1,222,467.32	0.00	0.00	0.00	1,222,467.32		
4226 512116 City Forces Work	1.3%	0.00	125,000.00	125,000.00	125,000.00	500,000.00		
4810 512048 OCIP / Prof Liability / Bldrs Risk	0.0%	0.00	0.00	0.00	0.00	0.00		
4981 513006 SDDPC Support	0.1%	44,000.00	0.00	0.00	0.00	44,000.00		
<b>Total Construction</b>	<b>78.0%</b>	<b>1,306,465.78</b>	<b>6,775,000.00</b>	<b>9,870,000.00</b>	<b>3,220,000.00</b>	<b>30,306,465.78</b>	<b>76.7%</b>	
<b>C. Equipment and Furnishings</b>								
3316 517086 Pipe Fittings	0.0%	0.00	0.00	0.00	0.00	0.00		
4922 512236 Construction Related	0.0%	0.00	0.00	0.00	0.00	0.00		
<b>Total Equipment and Furnishings</b>								
<b>D. Contingencies</b>								
4905 512133 Contingencies		62,500.00	500,000.00	550,000.00	500,000.00	2,162,500.00		
<b>Total Contingencies</b>	<b>5.2%</b>	<b>62,500.00</b>	<b>500,000.00</b>	<b>550,000.00</b>	<b>500,000.00</b>	<b>2,162,500.00</b>	<b>5.5%</b>	
<b>SUBTOTAL</b>	<b>100.0%</b>	<b>6,074,281.00</b>	<b>7,959,003.75</b>	<b>10,435,000.00</b>	<b>3,989,003.00</b>	<b>39,527,287.75</b>	<b>100.0%</b>	
<b>E. Equipment &amp; Furnishings</b>								
4922 512236 Equipment & Furnishings		0.00	0.00	0.00	0.00	0.00		
<b>F. Land Acquisition</b>								
4638 512205 Land Acquisition		0.00	0.00	0.00	0.00	0.00		
<b>TOTAL PROJECT</b>		<b>6,074,281.00</b>	<b>7,959,003.75</b>	<b>10,435,000.00</b>	<b>3,989,003.00</b>	<b>39,527,287.75</b>		
				Prev. Auth. Res. # 294342 Prev. Auth. Res. # 297457 Prev. Auth. Res. # 19783 Prev. Auth. Res. # 301217 Prev. Auth. Res. # Prev. Auth. Res. # Prev. Auth. Res. # Prev. Auth. Res. # Prev. Auth. Res. # 298298 Prev. Auth. Res. # 299283 Total Previous Authorized 6,074,281.00		2,134,362.00		
				Total excess authorized		33,453,006.75		

Note: A separate 1472 is being prepared and routed by Field Division for a construction management agreement estimated at \$2,409,040.00. This would increase the Total Project Costs to \$41,936,327.75.  
 Note - A contingency of greater than 5% is being asked for because of the complexities of the project and the many unknowns that may be found when excavation is begun.

(When Applicable)		Contract	0
SAVINGS BY USE OF CITY FORCES			
City Forces			
Labor			
Material			
Equip.			
Profit			
<b>TOTAL</b>			<b>0</b>