

**Attachment A**  
**Professional Services (Engineering)**

Managing Division	Contracts	Contractor/Consultant	Contract Period	Total Board Authorized Contract Amount	Total Contract Expenditures or Amount Encumbered to Date	<sup>1</sup> No. of TSOs Issued FY 18/19	<sup>2</sup> Subtotal of TSO Amounts Issued FY 18/19
Engineering Services	ON-CALL CONSTRUCTION MANAGEMENT <sup>4</sup>	CONSOLIDATED CM, INC. GHIRARDELLI ASSOCIATED, INC. DABRI INC.VSCE, INC.	10/1/15-06/30/19	\$4,800,000	\$2,587,719	8	\$559,621
Engineering Services	ON-CALL CONSTRUCTION MANAGEMENT SUPPORT SERVICES (FAA FUNDED) <sup>4</sup>	CONSOLIDATED CM, INC. HILL INTERNATIONAL, INC. COOPER PUGEDA MANAGEMENT, INC.	01/01/19-12/31/21	\$4,000,000	\$243,229	1	\$243,229
Engineering Services	ON-CALL CONSTRUCTION MANAGEMENT SUPPORT SERVICES (NON-FAA FUNDED) <sup>4</sup>	CONSOLIDATED CM, INC. VSCE, INC. ALLEN GROUP, LLC	01/01/19-12/31/21	\$4,000,000	\$615,380	1	\$615,380
Engineering Services	ON-CALL ENGINEERING DESIGN SERVICES	AECOM HNTB CORPORATION (HATCH)MOTT MACDONALD, LLC WSP, USA(PARSONS BRINKERHOFF) TRANSYSTEMS CORPORATION	10/15/15-06/30/19	\$10,298,100	\$7,497,679	15	\$1,871,833
Engineering Services	ON-CALL MATERIAL TESTING & CONSTRUCTION INSPECTION SERVICES (FAA FUNDED)	CONSTRUCTION TESTING SERVICES, INC. QUALITY ASSURANCE ENGINEERING, INC dba CONSOLIDATED ENGINEERING LABORATORIES ,INC. INSPECTION SERVICES, INC. SMITH EMERY OF SAN FRANCISCO, INC.	04/15/19-04/15/22	\$1,000,000	\$18,401	1	\$18,401
Engineering Services	ON-CALL MATERIAL TESTING & CONSTRUCTION INSPECTION SERVICES (NON-FAA FUNDED)	CONSTRUCTION TESTING SERVICES, INC. QUALITY ASSURANCE ENGINEERING, INC dba CONSOLIDATED ENGINEERING LABORATORIES ,INC. INSPECTION SERVICES, INC. SMITH EMERY OF SAN FRANCISCO, INC.	04/15/19-04/15/22	\$1,000,000	\$25,137	1	\$25,137
Engineering Services	ON-CALL PROFESSIONAL SERVICES SUPPORT FOR THE BERTH MAINTENANCE DREDGING	HALEY & ALDRICH, INC.	2/1/18-01/31/21	\$700,000	\$185,439	2	\$270,042
Engineering Services	ON-CALL LAND SURVEYING SERVICES FOR AIRPORT GRANT PROJECTS <sup>3</sup>	TOWILL, INC.	08/01/18-08/01/21	\$2,500,000	\$295,665	3	\$295,665
Engineering Services	ON-CALL LAND SURVEYING SERVICES FOR PORT FUNDED PROJECTS <sup>3</sup>	REY ENGINEERS	12/01/18-11/30/21	\$1,500,000	\$153,647	2	\$153,647
Engineering Services	ON-CALL WATER & WASTEWATER ENGINEERING SERVICES (contract period varies with specific contract)	MOTT MACDONALD LLC SCHAAF & WHEELER CONSULTING CIVIL ENGINEERS WRECO	9/26/16-9/26/19	\$1,500,000	\$1,248,092	5	\$349,221
Environmental	ON-CALL AIR QUALITY CONSULTING SERVICES	STARCREST CONSULTING GROUP, LLC. RAMBOLL US CORPORATION	01/01/13-12/31/20 1/1/13-12/31/20	\$1,200,000	\$692,762	2	\$68,131
Environmental	ON-CALL ASBESTOS & LEAD CONSULTING	ACC ENVIRONMENTAL CONSULTANTS, INC NINYO & MOORE GEOTECHNICAL AND ENVIRONMENTAL SCIENCES SCA ENVIRONMENTAL, INC	4/1/15-12/31/19 4/1/15-12/31/19 4/1/15-12/31/19	\$750,000	\$413,551	0	\$0
Environmental	GENERAL ON-CALL ENVIRONMENTAL COMPLIANCE	BASELINE ENVIRONMENTAL CONSULTING  HALEY & ALDRICH, INC LEIDOS, INC NINYO & MOORE GEOTECHNICAL AND ENVIRONMENTAL SCIENCES NORTHGATE ENVIRONMENTAL MANAGEMENT, INC	1/1/13-12/31/19  9/15/17-9/15/22 10/4/17-10/4/22 11/15/17-11/15/22 10/6/17-10/6/22	\$6,000,000	\$3,649,120	24	\$562,164

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		BASLINE ENVIRONMENTAL CONSULTING TERRAPHASE ENGINEERING INC TRC ENGINEERS, INC	9/11/17-9/11/22 9/27/17-9/27/22 9/27/17-9/26/22				
Environmental	DEDICATED ENVIRONMENTAL COMPLIANCE	EOA, INC	4/18/06-12/31/19	\$201,063	\$192,340	0	\$0
Environmental	ON-CALL ENVIRONMENTAL PLANNING	LAMPHIER-GREGORY AECOM CH2M HILL ENGINEERS, INC HORIZON WATER AND ENVIRONMENT, LLC	1/1/13-12/31/19 10/10/17-10/10/22 11/15/17-11/15/22 9/27/17-9/27/22	\$2,400,000	\$1,192,603	14	\$473,385
Engineering Special	ON-CALL CRANE MOTOR MAINTENANCE SERVICE	DAHL-BECK ELECTRIC CO. KOFFLER ELECTRICAL	12/01/17-12/01/20	\$900,000	\$285,420	2	\$400,000
Engineering Special Projects/Cranes	ON-CALL CRANE MECHANICAL ENGINEERS	McKAY INTERNATIONAL	8/17/1998 - 09/26/19	\$1,759,600	\$1,535,604	0	\$0
Engineering Special Projects/Cranes	ON-CALL CRANE STRUCTURAL ENGINEERS	LIFTECH CONSULTANTS	1/1/07-12/31/19	\$2,000,000	\$1,599,485	3	\$133,500
Engineering Special	ON-CALL CRANE STRUCTURAL INSPECTION	QUALITY ASSURANCE ENGINEERING, INC dba CONSOLIDATED ENGINEERING LABORATORIES, INC	11/1/15-12/31/19	\$2,100,000	\$936,600	2	\$225,000
TOTAL OF TSO AMOUNTS ISSUED FY 18/19				\$48,608,763	\$23,367,873	86	\$6,264,356

1 TSO = Technical Services Order; No. of TSOs = number of instances of work authorized in FY 18/19. Total Contract Expenditures Encumbered To Date are accurate as of 06/30/19.

2 Each subtotal is the sum of actual expenditures on any TSOs completed during the current reporting period and the encumbered amounts for any TSOs still in progress. Since the actual amount of a TSO may vary from the encumbered amount, these subtotals are approximations.

3 The Port has the option of extending the Agreement for an additional two (2) years in one (1) year increments. There shall be no increase in the maximum compensation.

4 On-call contract expired and replacement on-call contract commenced during fiscal year.