

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

NAME	ROLE IN THIS CONTRACT	YEARS EXPERIENCE	
Mohamed Hegab	Project Manager	a. TOTAL 16	b. WITH CURRENT FIRM 1
FIRM NAME AND LOCATION <i>(City and State)</i> CA Project Management Consultants, Irvine, CA “SBE/DBE/WBE Certified Firm”			
TITLE IN THE FIRM President			
EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> 2003 PhD Civil Engineering / Construction Management 1998 MS Civil Engineering / Structural Engineering 1992 BS Civil Engineering,		CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> PE California Civil C 69501 Expiration 06/30/08 PE North Dakota Civil PE 5035 Expiration 12/31/2008 PMP # 505983 Expiration 12/31/2011 MRICS # 1256819 Expiration 12/31/2008	
OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> <p>Dr. Hegab has over 15 years of diverse range of experience managing the project controls and claims on public, commercial, and construction projects. He has particular extensive expertise in project scheduling, claim analysis, negotiations, and resolution, cost estimating and controls. He has expertise in productivity analysis and improvement, and reengineering business processes.</p> <p>He taught project management, scheduling, cost estimating, labor productivity, and contract and specifications several times at California State University Northridge, and North Dakota State University</p> <p>He is professional with project management leading software such as Primavera (P3, P5 & P6), MS Project, Claim Digger, Timberline, On Screen Take off, Expedition, Prolog, MS Office, etc.</p> <p>Dr. Hegab has authored several innovative technical papers that been published in prestigious ASCE journals such as:</p> <p>Developing a Complexity Measure for Project Schedules Evaluating Cost Overruns of Asphalt Paving Project Using SPC Methods. Using Weibull Analysis For Evaluation of Cost And Schedule Performance. Decision Support System for Commencement Delay Claims Delay Time Analysis in Microtunneling Projects. Contractual Risk Identification and Mitigation in Microtunneling and Trenchless Technology Projects</p>			
RELEVANT PROJECTS			
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Related Experiences			
Scheduling review, estimating, and claims for Deimer Water Plant, Yorba Linda			
Duties: Reviewing baseline, monthly construction schedule, evaluating delays, preparing schedule review reports, and evaluating claims and change orders. Project Value is \$200 Million.			
Scheduling review and claims for Highway 90, Yorba Linda			
Duties: Reviewing monthly construction schedule, evaluating delays, preparing schedule review reports, and evaluating claims and change orders when requested.			
Workplan Development for Caltrans D8, San Bernardino			
Evaluating the existing workplans for district projects, extracting their anomalies, development of workplan for project management division at Caltrans D8., helping project managers in developing the workplan for FY08/09, development of baseline schedule for some projects, development of earned value management reports for the project management division of D8.			

Design Scheduling for 7th Standard Rd, Fresno

Development of design scheduling for the 7th st., Bakersfield enhancement project for Kern County. IT included new 8 bridges, widening of road, and demolishing of couple of existing bridges.

Claims Analyst for Highway Project, University of North Dakota

Third party representing University of North Dakota in an \$800,000 complicated claim between the federal government and a contractor for a highway project that was federally funded. Saved the claim from litigation and reached a settlement.

Reviewing Cooperative Agreements for Caltrans HQ, Sacramento

Reviewing cooperative agreements between Caltrans and other agencies for projects in Northern California and the Bay Area (D1,2,3 &4), communicating with the districts, legal and accounting department

Project Controls Engineer for CWC Wastewater Project

(CWC) was construction of wastewater pipeline using tunneling, microtunneling machines, and open cut. Project value was US\$300 Million Duties included application of payment for subcontractors, administration of Subcontractors contracts, change orders, claims, scheduling, supervising design of some structural elements of the project such as shafts, quantities take off, material procurement, etc.

Used Software:

MS Project, Primavera (P3, P5 &P6), SureTrak, Timberline, Prolog, Expedition, Claim Digger, OnScreen takeoff, MS Office, etc.

Other Related Experiences**Directing the Construction Management Program, California State University Northridge**

Managing resources, Part Time professors, selecting software, selecting topics of coursework, preparing the program to be ACCE accredited, and teaching construction management courses such as scheduling, estimating, contracts, construction management, etc.

Project Manager / Project Engineer for Material Testing and Geotechnical Services, Rancho Cucamonga

Contract managing street improvement projects, mass and fie grading projects which include proposals, estimating of cost, needed resources, reviewing billing, and contacting clients to solve issues. Added to that, Geotechnical Reports, Caltrans Asphalt testing reports, soil testing reports, Concrete Testing reports, proposals, change orders, Slope stability, static and dynamic settlement analysis, and other PM related activities.

Estimating for AC (General Contractor)

Estimator, working with a team in estimating a number of local and international projects ranged \$5 - \$100 Million.

Construction Site Engineer for Cairo Metro Line 2

Field inspection and supervising of excavation, structures, surveying, rebar workshop, and construction crews.

Planning Engineer for a New Telecommunication Networks

Planning utilities networks for telecommunications in a number of new cities in Cairo.

Structural Designs for Crystal Sugar Factories, North Dakota

Structural design of machinery supporting systems and other structures, Inspection of construction; Solve on site problems such as providing on site structural solutions; geotechnical engineering