

# Promod Kumar, PE

President, PKM Engineering

## Summary of Qualifications

Promod Kumar, PE, is a highly respected member of the engineering community with over 40 years of experience as a MEP Department Director, Project Principal, Project Manager and Mechanical Engineer. His experience includes engineering design for numerous private, public, institutional, governmental and community facilities. His expertise is recognized throughout Missouri, as he was appointed twice by former Governor Blunt to the State Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects.

## Project Experience:

### Municipal

- City of St. Louis, Missouri
  - \*Carondelet Community and Recreation Center
  - \*Gateway Transportation Center
  - \*O'Fallon Community and Recreation Center
- City of Kansas City
  - \*Southeast Community and Recreation Center
- City of Dallas, Texas
  - \*Highland Hills Branch Library
  - \*Main Street Garden Park
- Bexar County, Texas
  - \*Multiple Renovations in County Facilities
- St. Louis County, Missouri
  - \*New Tesson Ferry Branch Library
  - \*New Lewis & Clark Branch Library
- Tarrant County, Texas
  - \*Multiple Renovations in County Facilities
- Fulton County, Georgia
  - \*East Roswell Branch Library

### Housing (Multi-Family)

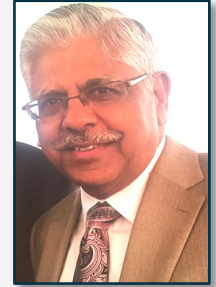
- St. Louis Housing Authority
- Dallas Housing Authority
- San Antonio Housing Authority
- Housing Authority of New Orleans
- Galveston Housing Authority
- East St. Louis Housing Authority
- Madison County Housing Authority

### Healthcare

- BJC HealthCare, St. Louis, Missouri
  - \*Over 50 renovation and new construction projects involving linear accelerators, cardiac cath, operating rooms, patient towers and surgery suites.
- SSM HealthCare, St. Louis, Missouri
  - \*St. John's Mercy
- Parkland Health & Hospital System, Dallas, TX
  - \*Renovations to Records and Administration
- University Health Systems, San Antonio, Texas
  - \*New Construction of Community Health Clinic
- Tidwell Doctors Hospital Expansion - Houston, TX
- Providence Hospital Expansion - Washington, D.C.

### Federal

- Moakley Federal Courthouse - Retro commissioning and Energy Analysis for over 900,000 sf Facility
- Renovations to multiple Land Port of Entry Facilities, GSA Naval Facilities
- Camp Bullis Medical Training Facility
- USAF Vandenberg Space Shuttle Launch Complex
- Missouri Veteran's Homes Energy Studies (4 separate facilities)
- Army Base Energy Study, U.S./European Corps of Engineers, Germany and Italy



## Education

- \* Master of Science, Mechanical Engineering, Washington University
- \* Bachelor of Science, Mechanical Engineering, Punjab Engineering College, Chandigarh, India

## Registrations

- \* Professional Engineer: Missouri, Illinois, Georgia, Texas
- \* Certified Technical Assistance Analyst: Missouri

## Affiliations/ Organizations

- \* American Society of Heating Refrigeration and Air Conditioning Engineers (ASHRAE)
- \* American Society of Mechanical Engineers
- \* American Society of Energy Engineers

## Work Experience

- \* KAI Design & Build - Vice President, Director of MEP Engineering 1998 - 2016
- \* Heideman Associates, Inc. - Associate/Manager of Mechanical Engineering 1993 - 1998
- \* EDM - Mechanical Project Engineer 1983 - 1993
- \* Sverdrup & Parcel/Jacobs - Mechanical Project Engineer 1977 - 1983
- \* Leonard Rich Consulting Engineers - HVAC Engineer 1974 - 1977

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## Project Experience Cont'd:

### Higher Education

#### -University of Missouri-Columbia

- \*Multiple Lab Renovations
- \*Chemical Engineering Building Lab Renovations
- \*Dobbs Pavilion Dining Facility Renovations
- \*Memorial Hall Renovations
- \*Vivarium Master Planning Study

#### -University of Missouri-St. Louis

- \*Benton Stadler Science Building
- \*Millennium Center Student Center
- \*South Campus Residence Hall
- \*College of Optometry/College of Nursing Complex Program Verification and Conceptual Design
- \*College of Business Program Verification and Conceptual Design

#### -Washington University

- \*Early Childhood Education Center

#### -Lincoln University

- \*Multiple Lab Renovations
- \*Jason Hall Renovations
- \*Dawson Hall Life Safety Improvements
- \*Founders and Martin Luther King Halls Renovation
- \*Foster and Allen Halls HVAC Renovations

#### -St. Louis Community College

- \*New Harrison Education Center
- \*Building System Renovations (multiple facilities)
- \*Chiller Replacements, Forest Park and Meramec Campus

#### -Harris-Stowe State University

- \*Gillespie Hall Residence Hall
- \*Early Childhood and Parenting Education Center
- \*Southwestern Bell Library and Technology Resource Center

### Higher Education Cont'd

#### -Texas Women's University

- \*Legacy Room Renovations
- \*Multi-Purpose Lab and Classroom (MCL) Buiding Renovations

#### -Eastfield Pleasant Grove Satellite Education Center, Dallas County Community College District

### Pre K -12 Education

#### -Dallas ISD

- \*Billy Dade Elementary
- \*Larry G. Smith Elementary
- \*Wilmer Hutchins Elementary

#### -St. Louis Public Schools

- \*Clyde C. Miller Career Academy
- \*Vashon High School
- \*Capital Improvement Projects

#### -East St. Louis Public School District

- \*2 New Schools and district-wide improvement projects

#### -Hazelwood Public Schools

- \*East High School Library Addition and Renovations
- \*Capital Improvement Projects, Multiple Facilities

#### -Irving ISD

- \*Bond Program Renovations, Multiple Facilities

#### -Fort Worth ISD

- \*Bond Program Renovations, Multiple Renovations and New Facilities

#### -Arlington ISD

- \*Bond Program Renovations and New Facilities where HVAC systems needed replacing, including controls modifications

### Aviation

#### -Lambert International Airport

- \*New East Terminal (Terminal 2)
- \*New In-Line Baggage Screening System
- \*Terminal 1 Baggage Air Handling System Renovation
- \*Terminal 2 Outdoor Air Unit Renovation
- \*Hudson Stores
- \*Admiral's Club Renovation

#### Dallas/Fort Worth International Airport

- \*Terminal D New Construction
- \*Garage Air Handling System
- \*Garage Fire Protection System
- \*Connector Bridge Air Handling Unit
- \*Swarovski Stores

### Institutional

#### State of Missouri

- \*Chillicothe Correctional Center
- \*Jefferson City Correctional Center
- \*St. Louis City Justice Center
- \*St. Louis County Justice Center
- \*Bexar County ADC
- \*Dallas County Youth Village

### Corporate

#### - MasterCard International Headquarters, full MEP Design

#### - Cortex Commons

#### - AAI Pharma Lab Design

#### - Anheuser Busch Brewery, Brew Kettle Design

#### - Numerous Tenant Finish Projects