STATEMENT OF QUALIFICATIONS

PART I – CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. PROJECT TITLE AND LOCATION (City and State)
Neutral Facilitation Consultant List

2. ANNOUNCEMENT DATE	3. PROJECT NUMBER
March 04, 2011	DAS-11F888

B. FIRM POINT OF CONTACT

4. PROJECT REPRESENTATIVE NAME AND TITLE	5. PRESIDENT / CEO
Ali Alghothani, PhD, PE, Vice President	Hamid Mukhtar, PhD, PE

6. NAME OF FIRM
Star Consultants, Inc.

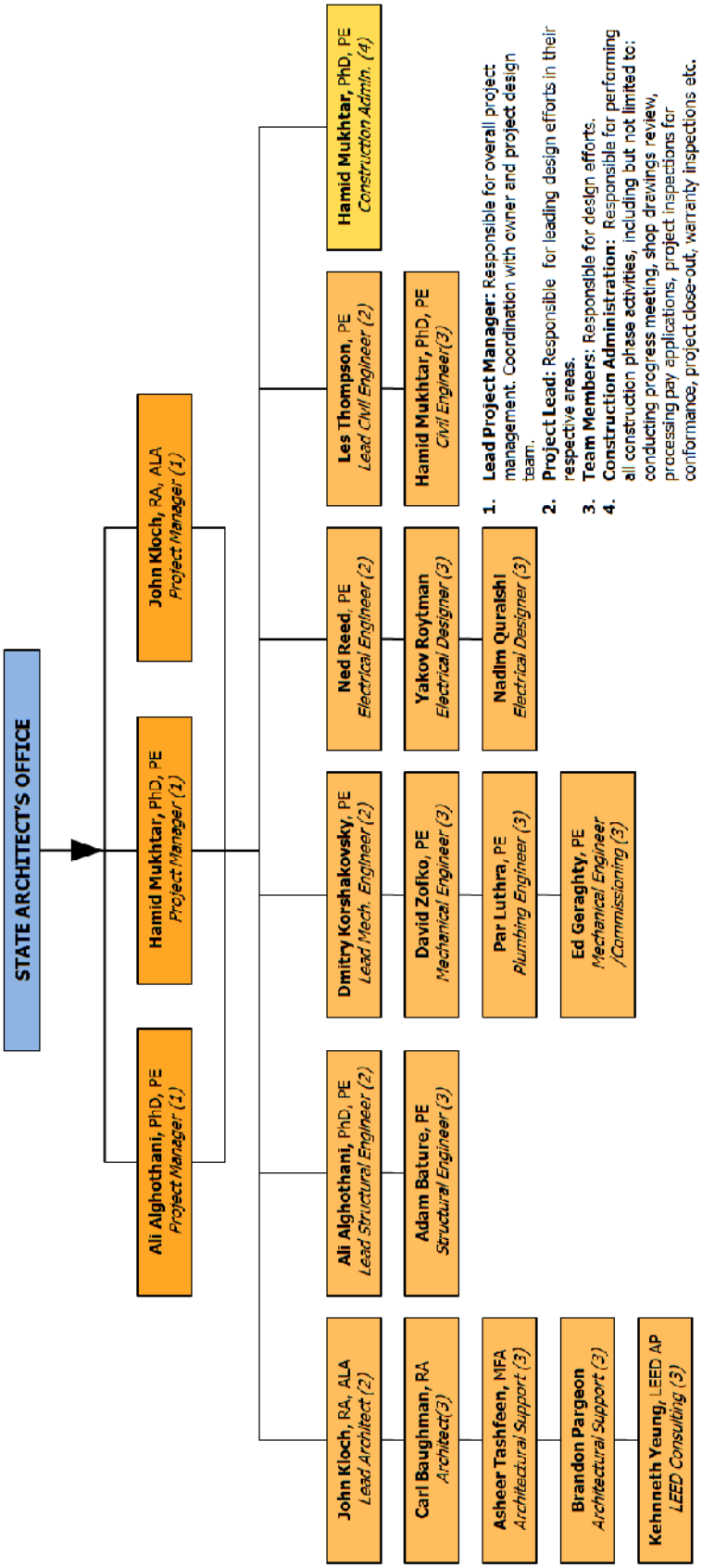
7. TELEPHONE NUMBER	8. FAX NUMBER	9. E-MAIL ADDRESS
(614) 538-8445	(614) 538-8446	star@starconsultants.org
10. COUNTY	11. FTID NUMBER	12. WEB ADDRESS
Franklin	[redacted]	http://www.starconsultants.org

C. PROPOSED TEAM

	(Check) Lead Firm	JV Partner	Consultant	13. FIRM NAME	14. ADDRESS	15. ROLE IN THIS CONTRACT
a.	X	☐	☐	Star Consultants, Inc. X Check if EDGE certified	1910 Crown Park Court, Columbus, Ohio, 43235 ☐ Check if branch office	• Project Management, • Facility Condition Assessment & Program of Requirements • Development/Validation • Structural Engineering • MEP Engineering • Surveying • Soil Testing and Engineering • Architectural Services • Roofing Consulting • Master Planning • Energy Saving Planning • Prototype Building Design • Estimating & Code Compliance • Construction Documents, • Bidding • Construction Administration • Quality Assurance Testing during Construction • Project Close-out • Post-Construction Phase
b	☐	☐	☐	☐ Check if EDGE certified	☐ Check if branch office	
c.	☐	☐	☐	☐ Check if EDGE certified	☐ Check if branch office	
d.	☐	☐	☐	☐ Check if EDGE certified	☐ Check if branch office	

D. ORGANIZATIONAL CHART OF PROPOSED TEAM ☒ *(Attached)*

INSERT ORGANIZATIONAL CHART BELOW OR ATTACH.



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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

16. NAME	17. ROLE IN THIS CONTRACT	18. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Hamid Mukhtar, Ph.D., P.E.	Project Manager / Civil Engineer	28	13

19. FIRM NAME AND LOCATION (City and State)

Star Consultants, Inc., Columbus, Ohio

20. EDUCATION (DEGREE AND SPECIALIZATION)	21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Michigan State University: Ph. D., 1993 Michigan State University: MSCE , 1990 NWFP Engineering University: BSCE, 1982	State of Ohio: Professional Engineer / Civil State of Michigan: Professional Engineer / Civil

22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Member: International Code Council, Roof Consultants Institute (RCI), National Roofing Contractors Association (NRCA).
Training & Courses Attended: ASCE 7-02 Wind Calculations and wind uplift calculations, FM Global Calculations, Roof System Selection, Roof Drainage, Advance Thermal & Moisture, Professional Roof Consulting, and Green roofing Technologies.

23. RELEVANT PROJECTS *(Up to a maximum of 5 samples)*

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Bureau of Workers Compensation Tower, Mechanical Systems Assessment and Design Columbus, Ohio	2009/10	2010/11	1

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Replacement of five (5) 750 tons chillers located on 14 floor of BWC Tower, a high rise building. BWC tower houses the data center for the State of Ohio. Therefore, the building had to be operational during the renovation. Building control systems were modified to change the operations from ice building chillers to chilled water chillers. Specified HVAC equipment was energy efficient to reduce the operating costs.

Specific Role: Project Manager Size: 1,000,000 sq ft area Cost: $ 2,500,000

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
National Guard, Joint Force Headquarters Addition Columbus, Ohio	2010	2010/11	5

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: This project consisted of adding a new, underground, secured facility to the Joint Command Center for Ohio Army National Guard. Force protection requirements were met according to UFC 4-010. These requirements included security doors and windows, blast proof protections for the entire Facility.

Specific Role: Principal-in-Charge Size: Classified Cost: $2,200,000

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
ODOT District 10 Headquarters HVAC Assessment and Upgrades Marietta, Ohio	2008	2009	6

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Complete MEP upgrades of an existing ODOT Office facility. Upgraded HVAC system to VAV Air Terminal Units with reheats, replaced Chillers, Boilers and associated piping and DDC.

Specific Role: Project Manager Size: 90,000 sq. ft. Cost: $1,000,000

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
ODPS Academy Infrastructure Improvement Phase 2 Columbus, Ohio	2006/07	2008	7

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Conducted field investigation to validate/develop a program of requirement for the project. POR was implemented by upgrading existing MEP systems such as boilers, air handlers, piping modifications and all associated work to bring the systems up to current code requirement and functionality.

Specific Role: Project Manager Size: 26,000 Square Feet Cost: $850,000

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Maintenance Building Addition Zanesville, Ohio	2010	2010/11	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Addition of one bay to provide sufficient space for repairs and maintenance on a new large vehicle. The renovation will provide modifications to an existing tool storage bay and convert the space into administrative office space.

Specific Role: Roof Consulting/Structural Engineer Size: 6,750 Sq. Ft. Cost: $610,000

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

16. NAME	17. ROLE IN THIS CONTRACT	18. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Ali Alghothani, Ph.D., P.E.	Lead Structural Engineer/ Project Manager	31	13

19. FIRM NAME AND LOCATION (City and State)

Star Consultants, Inc., Columbus, Ohio

20. EDUCATION (DEGREE AND SPECIALIZATION)	21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Ohio State University: Ph. D. / Structures Ohio State University: MSCE / Structures Aleppo University: BSCE	State of Ohio: Professional Engineer Civil/Structure

22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

American Society of Structural Engineers-Founder, American University Professors, American Society of Mechanical Engineers, ASCE, ASME, ACI, AISC, Publications: Variational Principles for Flexure & Extension of Moderately Thick Laminated Composite Plates" 1985.

23. RELEVANT PROJECTS *(Up to a maximum of 5 samples)*

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
VA-Fuel Oil Tank for Boiler Backup Columbus, Ohio	2009/10	2010/11	4

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: This project involved the addition of an underground room to house a 30,000-gallon fuel oil tank. Underground mechanical room (~1200 Sq.ft.), mat foundation, poured-concrete walls, 12" pre-cast Flexicore hollow slab with lightweight concrete topping.

Specific Role: Project Manager/Lead Structural Engineer Cost: $600,000

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Joint Force Headquarters Addition, Ohio Army National Guard, Columbus,	2010	2010/11	5

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Project consists of adding a new secured facility for the Joint Command Center for Ohio Army National Guard. All force protection requirements are being meet on this Facility Force protection requirements are met according to UFC 4-010. These requirements include security door and windows, blast proof protections for the entire Facility.

Specific Role: Lead Structural Engineer Size: Classified Cost: $ 2,200,000

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Marion Correctional Renovations Marion, Ohio	2005	2008/09	8

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Star Consultants performed four sub-projects for the Marion Correctional Institution: Masonry Rehabilitation & Roof Renovation, Window Replacements, Concrete Flooring Replacement, and Kitchen Upgrade

Specific Role: Project Manager/Lead Structural Engineer

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Horizon Science Academy High School Gymnasium Addition Cleveland, Ohio	2008	2008	9

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Addition of a new pre-engineered gymnasium (NCAA), cafeteria, classrooms, offices and storage rooms to the existing Horizon Academy school. A detailed site and facilities investigation took place to verify the conditions of the existing 3 story structure and the adjacent green space, where the addition was to be constructed.

Specific Role: Project Manager/Structural Engineer Size: 15,000 Square Feet Cost: $2,200,000

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Zanesville High School Zanesville, Ohio	2008	2008/09	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Structural and roofing system design of two new high school buildings. The structural framing utilizes a Flexicore slab, steel girders and columns, masonry shear walls construction, spread, strip, and mat foundations.

Specific Role: Project Manager/Structural Engineer Size: 90,000 Square Feet Cost: $23,583,000

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

16. NAME	17. ROLE IN THIS CONTRACT	18. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Adamu Bature, P.E.	Structural Engineer	18	5

19. FIRM NAME AND LOCATION (City and State)
Star Consultants, Inc., Columbus, Ohio

20. EDUCATION (DEGREE AND SPECIALIZATION)	21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
United State Coast Guard Academy: BSCE	State of Ohio: Professional Engineer Civil/Structure

22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
American Society of Highway Engineers, Engineers Club of Columbus

23. RELEVANT PROJECTS *(Up to a maximum of 5 samples)*

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Horizon Science Academy High School Dayton, Ohio	2009	2009	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Complete renovation/conversion of existing masonry building into a High school facility. Scope included complete site redevelopment.
Specific Role: Structural Engineer Size: 40,000 Square Feet Cost: $2,900,000

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
FRA-665-10.09/11.93 Grove City, Ohio	2006	2007	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: This project involves 1) the deck replacement, widening and rehabilitation of an existing three span reinforced concrete slab bridge on SR 665 over Plum Run near Grove City, OH, and 2) the replacement of an existing deficient bridge with a new flat topped box culvert (14' span and 6'rise) situated on a 26º skew on SR 665 over Linebaugh Ditch near Grove City, OH.
Specific Role: Hydraulic Engineer

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
MOT-4-2.38 Bridge Rehabilitation, Road Widening SR 4 over Twin Creek, Germantown, Ohio	2007	2008	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: This project involved the inspection, preparation of a condition assessment report, and rehabilitation of an existing 4 span continuous steel beam bridge. The rehabilitation plans included the replacement and widening of the bridge deck and approach slabs, repair of the substructure units, replacement of the steel rocker bearings, painting of the structural steel, and conversion of the abutments to semi-integral design.
Specific Role: Structural Engineer Cost: $670,000

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Maintenance Building Engineering Assessment Ohio State University, Columbus, Ohio	2008	-	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Building assessment of structural, roofing, and MEP systems. Star determined that the building was in fairly good condition, however, many of the building components approached the end of their life cycle and need to be replaced. These components included the roof, HVAC systems, plumbing systems, some wall finishes, the elevator, windows, fire protection standpipe, exterior lighting, some electrical lighting and power.
Specific Role: Structural Engineer Size: 50,876 Square Feet Cost: $3,000,000

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Cranbrook Elementary School Pedestrian Bridge Columbus, OH	2008	2009/09	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: New footbridge. Scope included Structural Design, Roadway Design, Drainage Design, Right-of-Way Plans, Field Survey, Geotechnical Investigations, Hydraulic Analysis.
Specific Role: Structural Engineer Cost: $280,000

4

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

16. NAME	17. ROLE IN THIS CONTRACT	18. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Leslie Thompson, P.E.	Lead Civil Engineer	38	2

19. FIRM NAME AND LOCATION (City and State)

Star Consultants, Inc., Columbus, Ohio

20. EDUCATION (DEGREE AND SPECIALIZATION)	21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Ohio State University: BS Civil Engineering	State of Ohio: Professional Engineer/Civil

22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Leslie is prequalified in Traffic with ODOT

23. RELEVANT PROJECTS *(Up to a maximum of 5 samples)*

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
VA Ambulatory Care Center, Additional Surface Parking Lot / Access Driveway Columbus, Ohio	2009	2010	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: This project involved the design of connection/access from James Road to the new parking lot at the VA Ambulatory Care Center. Work included coordination with the DSCC drawings and City of Columbus.
Specific Role: Civil Engineer Cost: $100,000

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Joint Force Headquarters Addition Ohio Army National Guard, Columbus, Ohio	2010	2010	5

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Project consists of adding a new secured facility for the Joint Command Center for Ohio Army National Guard. All force protection requirements are being meet on this Facility.
Specific Role: Civil Engineer Size: Classified Cost: $ 2,200,000

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Parking Lot Rehabilitation Camp Perry, Ohio	2009/10	-	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Removed/replaced paving on Trippe road. Addressed drainage Issues.
Specific Role: Civil Engineer

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
NCS College Parking Lot Rehabilitations Campuses at Mansfield and Shelby, Ohio	2008	2009	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Rehabilitation of the existing parking lots at the Mansfield and Shelby campuses of North Central State (NCS) College.
Specific Role: Civil Engineer Cost: $1,300,000

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Horizon Science Academy High School & Gymnasium Toledo, Ohio	2010	2010	10

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Renovating and modifying existing grocery store to accommodate new high school. Addition of new gym, cafeteria, classrooms, restrooms, outdoor track field, and site related work.
Specific Role: Civil Engineer Size: 60,000 Sq Ft

5

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

16. NAME	17. ROLE IN THIS CONTRACT	18. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Dmitry Korshakovsky, P.E.	Lead Mechanical Engineer	13	6

19. FIRM NAME AND LOCATION (City and State)
Star Consultants, Inc., Columbus, Ohio

20. EDUCATION (DEGREE AND SPECIALIZATION)	21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Ohio State University: BSME	State of Ohio: Professional Engineer/Mechanical

22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
American Society of Mechanical Engineers
ASHRAE Technical Development Seminars for Institutional HVAC Air and Water Systems
Professional Development Seminars for Technical Continuing Education

23. RELEVANT PROJECTS *(Up to a maximum of 5 samples)*

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
a.	Bureau of Workers Compensation Tower, Mechanical Systems Assessment and Design Columbus, Ohio	2009/10	2010/11	1

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Replacement of five (5) 750 tons chillers located on 14 floor of BWC Tower, a high rise building. BWC tower houses the data center for the State of Ohio. Therefore, the building had to be operational during the renovation. Building control systems were modified to change the operations from ice building chillers to chilled water chillers. Specified HVAC equipment was energy efficient to reduce the operating costs.

Specific Role: Lead Mechanical Engineer Size: 1,000,000 sq ft area Cost: $ 2,500,000

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
b.	HVAC Upgrades at Various Sites, Assessment and Renovation Columbus, Ohio	2010	2011	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: MEP upgrades to three City of Columbus facilities. New chillers and air handling units with heating and cooling coils, medium pressure duct work and VAV units were provided. The facilities are being brought to meet today's code requirements. All systems were put in DDC.

Specific Role: Lead Mechanical Engineer Cost: $2,000,000

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
c.	ODOT District 10 Headquarters HVAC Assessment and Upgrades Marietta, Ohio	2008	2009	6

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Complete MEP upgrades of an existing ODOT Office facility. Upgraded HVAC system to VAV Air Terminal Units with reheats, replaced Chillers, Boilers and associated piping and DDC.

Specific Role: Lead Mechanical Engineer Size: 90,000 sq. ft. Cost: $1,000,000

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
d.	Townshend Hall 1st Floor & 2nd Floor Renovations Ohio State University, Columbus, Ohio	2007/08	2008/09	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Conversion of existing space into new conference room. Renovation of existing first floor rooms to accommodate new Computer Room Laboratory, Server Room and Faculty Offices. New Terminal Air Units were provided to serve office areas. Existing Chilled Water Pumps reprogramming. All associated piping, ductwork and controls.

Specific Role: Lead Mechanical Engineer Cost: $803,000.00 + $340,000

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
e.	ODPS Academy Infrastructure Improvement Phase 2 Columbus, Ohio	2006/07	2008	7

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Conducted field investigation to validate/develop a program of requirement for the project. POR was implemented by upgrading existing MEP systems such as boilers, air handlers, piping modifications and all associated work to bring the systems up to current code requirement and functionality.

Specific Role: Lead Mechanical Engineer Size: 26,000 Square Feet Cost: $850,000

6

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

16. NAME	17. ROLE IN THIS CONTRACT	18. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
David Zofko, P.E.	Mechanical Engineer	30	1

19. FIRM NAME AND LOCATION (City and State)

Star Consultants, Inc., Columbus, Ohio

20. EDUCATION (DEGREE AND SPECIALIZATION)	21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Purdue University: BSME	State of Ohio: Professional Engineer/Mechanical

22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Certifications: Ohio Board of Building Standards Chief Building Official, Chief, Building Inspector, Mechanical Inspector, Fire Inspector, Plans Examiner (P003073), Plumbing Inspector (KZ01539), Ohio, Manufactured Home Inspector (20060039), Licenses: Ohio Construction Industry Licensing Board Licenses; HVAC, Refrigeration, Plumbing and Hydronic (#26511)

23. RELEVANT PROJECTS *(Up to a maximum of 5 samples)*

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Bureau of Workers Compensation Tower, Mechanical Systems Assessment and Design Columbus, Ohio	2009/10	2010/11	1

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Scope: Replacement of five (5) 750 tons chillers located on 14 floor of BWC Tower, a high rise building. BWC tower houses the data center for the State of Ohio. Therefore, the building had to be operational during the renovation. Building control systems were modified to change the operations from ice building chillers to chilled water chillers. Specified HVAC equipment was energy efficient to reduce the operating costs.

Specific Role: Mechanical Engineer Size: 1,000,000 sq ft area Cost: $ 2,500,000

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
HVAC Upgrades at Various Sites, Assessment and Renovation Columbus, Ohio	2010	2011	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: MEP upgrades to three City of Columbus facilities. New chillers and air handling units with heating and cooling coils, medium pressure duct work and VAV units were provided. The facilities are being brought to meet today's Code requirements. All systems were put in DDC.

Specific Role: Mechanical Engineer Cost: $2,000,000

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
VA - Expand Clinic Area, 3rd Floor Columbus, Ohio	2010	2010/11	3

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Expansion of 3rd floor clinic areas. Renovation of existing administrative and office areas. Existing utility rooms were converted to new offices and exam rooms. Modified the HVAC system to provide cooling and heating for the renovated areas. New VAV units, air devices, ductwork, piping, and controls.

Specific Role: Mechanical Engineer Size: 6,000 sq. ft. Cost: $600,000

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Joint Force Headquarters Addition Ohio Army National Guard, Columbus, Ohio	2010	2010/11	5

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Project consists of adding a new secured facility for the Joint Command Center for Ohio Army National Guard. New forced air heating and cooling system and air handling units. Variable Refrigerant flow heat pump system. All HVAC equipment specified was energy efficient.

Specific Role: Mechanical Engineer Size: Classified Cost: $ 2,200,000

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Horizon Science Academy High School & Gymnasium Toledo, Ohio	2009/10	2010	10

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Complete new HVAC system and controls for a high school and gymnasium. All HVAC equipment specified was energy efficient.

Specific Role: Mechanical Engineer Size: 50,876 sq. ft. Cost: $3,000,000

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

16. NAME	17. ROLE IN THIS CONTRACT	18. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Par Luthra, P.E.	Plumbing Engineer	35	13

19. FIRM NAME AND LOCATION (City and State)
Star Consultants, Inc., Columbus, Ohio

20. EDUCATION (DEGREE AND SPECIALIZATION)	21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Howard University: BSC	State of Ohio: Professional Engineer

22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
American Society of Heating, Refrigerating and Air Conditioning Engineers

23. RELEVANT PROJECTS *(Up to a maximum of 5 samples)*

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Joint Force Headquarters Addition Ohio Army National Guard, Columbus, Ohio	2010	2010/11	5

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Project consists of adding a new secured facility for the Joint Command Center for Ohio Army National Guard. New forced air heating and cooling system and air handling units. Variable Refrigerant flow heat pump system. All HVAC equipment specified was energy efficient.

Specific Role: Mechanical Engineer Size: Classified Cost: $ 2,200,000

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
HVAC Upgrades at Various Sites, Assessment and Renovation Columbus, Ohio	2010	2011	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: MEP upgrades to three City of Columbus facilities. New chillers and air handling units with heating and cooling coils, medium pressure duct work and VAV units were provided. The facilities are being brought to meet today's Code requirements. All systems were put in DDC.

Specific Role: Mechanical Engineer Cost: $2,000,000

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
ODOT District 10 Headquarters HVAC Assessment and Upgrades Marietta, Ohio	2008	2009	6

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Complete MEP upgrades of an existing ODOT Office facility. Upgraded HVAC system to VAV Air Terminal Units with reheats, replaced Chillers, Boilers and associated piping and DDC.

Specific Role: Mechanical Engineer Size: 90,000 sq. ft. Cost: $1,000,000

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Townshend Hall 1st Floor & 2nd Floor Renovations Ohio State University, Columbus, Ohio	2007/08	2008/09	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Conversion of existing space into new conference room. Renovation of existing first floor rooms to accommodate new Computer Room Laboratory, Server Room and Faculty Offices. New Terminal Air Units were provided to serve office areas. Existing Chilled Water Pumps reprogramming. All associated piping, ductwork and controls.

Specific Role: Mechanical Engineer Cost: $803,000.00 + $340,000

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
ODPS Academy Infrastructure Improvement Phase 2 Columbus, Ohio	2006/07	2008	7

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Conducted field investigation to validate/develop a program of requirement for the project. POR was implemented by upgrading existing MEP systems such as boilers, air handlers, piping modifications and all associated work to bring the systems up to current code requirement and functionality.

Specific Role: Mechanical Engineer Size: 26,000 Square Feet Cost: $850,000

7

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

16. NAME	17. ROLE IN THIS CONTRACT	18. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Ed Geraghty, P.E.	Mechanical Engineer / Commissioning	30	11

19. FIRM NAME AND LOCATION (City and State)
Star Consultants, Inc., Columbus, Ohio

20. EDUCATION (DEGREE AND SPECIALIZATION)	21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Wright State University: BSME	State of Ohio: Professional Engineer / Mechanical

22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
American Society of Mechanical Engineers

23. RELEVANT PROJECTS *(Up to a maximum of 5 samples)*

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Bureau of Workers Compensation Tower, Mechanical Systems Assessment and Design Columbus, Ohio	2009/10	2010/11	1

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Scope: Replacement of five (5) 750 tons chillers located on 14 floor of BWC Tower, a high rise building. BWC tower houses the data center for the State of Ohio. Therefore, the building had to be operational during the renovation. Building control systems were modified to change the operations from ice building chillers to chilled water chillers. Specified HVAC equipment was energy efficient to reduce the operating costs.

Specific Role: Mechanical Engineer/Commissioning Size: 1,000,000 sq ft area Cost: $ 2,500,000

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
HVAC Upgrades at Various Sites, Assessment and Renovation Columbus, Ohio	2010	2011	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: MEP upgrades to three City of Columbus facilities. New chillers and air handling units with heating and cooling coils, medium pressure duct work and VAV units were provided. The facilities are being brought to meet today's Code requirements. All systems were put in DDC.

Specific Role: Mechanical Engineer/Commissioning Cost: $2,000,000

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
ODOT District 10 Headquarters HVAC Assessment and Upgrades Marietta, Ohio	2008	2009	6

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Complete MEP upgrades of an existing ODOT Office facility. Upgraded HVAC system to VAV Air Terminal Units with reheats, replaced Chillers, Boilers and associated piping and DDC.

Specific Role: Mechanical Engineer/Commissioning Size: 90,000 sq. ft. Cost: $1,000,000

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
VA – Expand Waiting Rooms, Third Floor Columbus, Ohio	2009/10	2010	3

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: This project involved the conversion of existing medical offices into a new large patient waiting room. A new office area was added on the third floor exterior patio of the Ambulatory Care Center building. Modified existing HVAC system to provide cooling and heating for renovated areas. New VAV units, air devices, ductwork, piping, and controls. New VAV units, ductwork, piping and air devices for new addition. Evaluated existing system capacity to handle new addition. Expanded control system.

Specific Role: Mechanical Engineer Size: 4,000 sq. ft. Cost: $660,000

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
ODPS Academy Infrastructure Improvement Phase 2 Columbus, Ohio	2006/07	2008	7

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Conducted field investigation to validate/develop a program of requirement for the project. POR was implemented by upgrading existing MEP systems such as boilers, air handlers, piping modifications and all associated work to bring the systems up to current code requirement and functionality.

Specific Role: Mechanical Engineer/Commissioning Size: 26,000 Square Feet Cost: $850,000

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

16. NAME	17. ROLE IN THIS CONTRACT	18. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Ned Reed P.E.	Lead Electrical Engineer	30+	6

19. FIRM NAME AND LOCATION (City and State)

Star Consultants, Inc., Columbus, Ohio

20. EDUCATION (DEGREE AND SPECIALIZATION)	21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Ohio State University: BSEE	State of Ohio: Professional Engineer/Electrical

22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

23. RELEVANT PROJECTS *(Up to a maximum of 5 samples)*

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
VA - Increase Emergency Power Capability Columbus, Ohio	2009/10	2010	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Increase of circuits that are connected to the existing emergency generator, installation of additional emergency power panels throughout the building, design for the placement of future additional emergency outlets and/or hard-wire connections in various areas.

Specific Role: Lead Electrical Engineer Cost: $310,000

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Bureau of Workers Compensation Tower, Mechanical Systems Assessment and Design Columbus, Ohio	2010	2011	1

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Replacement of five (5) 750 tons chillers located on 14 floor of BWC Tower, a high rise building. BWC tower houses the data center for the State of Ohio. Therefore, the building had to be operational during the renovation. Building control systems were modified to change the operations from ice building chillers to chilled water chillers. Associated electrical work.

Specific Role: Lead Electrical Engineer Cost: $ 2,500,000

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Clark State Community College Springfield, Ohio	2005-07	2008	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: New electric service and power panels, back-up generation, uninterruptible power supplies, power distribution, interior lighting, emergency egress lighting, exterior lighting, area lighting and telecom and data system. Fire Alarm System including detection, notification and monitoring of fire pump and stand-by generator. Access control system integrating Internet access, card readers, CCTV cameras and video recorders.

Specific Role: Lead Electrical Engineer Size: 90,000 Square Feet Cost: $1,000,000

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
ODPS Academy Infrastructure Improvement Phase 2 Columbus, Ohio	2006/07	2008	7

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Conducted field investigation to validate/develop a program of requirement for the project. Star compiled information for all MEP systems to develop a comprehensive program in electronic format for analysis, funds allocation and design. New electrical Panelboards, lighting upgrades, lightning protection and all Electrical work associated with the equipment.

Specific Role: Lead Electrical Engineer/Lightning Protection Size: 26,000 Square Feet Cost: $850,000

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Camp Perry Electrical Power Distribution Study & Upgrade Port Clinton, Ohio	2009/10	2010	2

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: The project involved rebuilding the overhead electric distribution system with new overhead lines operating at 12470/7200 volt wye utilizing armless construction standards. Substation were to have two 2500 kVA (3125 kVA with cooling fans), 34.5/12.47 kV transformers with loop feeds to increase system reliability.

Specific Role: Lead Electrical Engineer Cost: $ 3,500,000

9

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

16. NAME	17. ROLE IN THIS CONTRACT	18. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
John Kloch, RA, ALA	Lead Architect / Project Manager	39	2

19. FIRM NAME AND LOCATION (City and State)

Star Consultants, Inc., Columbus, Ohio

20. EDUCATION (DEGREE AND SPECIALIZATION)	21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Ohio University, BGS, Major- Architecture Erie Community College, AAS, Major-Engineering	State of Ohio: Registered Architect (Also registered in NY, IL, WI, VA, and MD)

22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Association of Licensed Architects (ALA), International Code Council (ICC) – Building Safety Professional, Construction Specification Institute (CSI), American Society of Healthcare Engineering (ASHCE)

23. RELEVANT PROJECTS *(Up to a maximum of 5 samples)*

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
National Guard, Joint Force Headquarters Addition Ohio Army National Guard, Columbus, Ohio	2010	2010/11	5

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☐ Check if project performed with current firm

Scope: Project consists of adding a new secured facility for the Joint Command Center for Ohio Army National Guard. All force protection requirements are being meet on this Facility Force protection requirements are met according to UFC 4-010. These requirements include security door and windows, blast proof protections for the entire Facility.

Specific Role: Project Manager/Lead Architect Size: Classified Cost: $ 2,200,000

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Maintenance Building Addition Zanesville, Ohio	2010	2010/11	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Addition of one bay to provide sufficient space for repairs and maintenance on a new large vehicle. The renovation will provide modifications to an existing tool storage bay and convert the space into administrative office space.

Specific Role: Roof Consulting/Structural Engineer Size: 6,750 Sq. Ft. Cost: $610,000

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Horizon Science Academy High School & Gymnasium Toledo, Ohio	2010	2011	10

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Conversion of an existing abandoned retail facility into a new Charter school to house 375 students. Renovations included the addition of classrooms, Computer Labs, Art and Music rooms as well as Science Classrooms and Labs.

Specific Role: Lead Architect Size: 60,000 Square Feet Cost: $4,200,000

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Horizon Science Academy Campus Cleveland, Ohio	2010	TBD	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Horizon Science Academy retained Star Consultants, Inc. to provide Master Planning and Programming for a 22 acre site in north east Cleveland, upon which the Owners intend to construct an educational campus.

Specific Role: Lead Architect Size: 299,500 Square Feet Cost: $62,000,000 (estimated)

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
VA – Expand Waiting Rooms, Third Floor Columbus, Ohio	2009/10	2010/11	3

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Conversion of existing offices into a new large waiting room and the addition on new offices on the third floor exterior patio of the ambulatory care center building. The project included demolition of existing offices, exterior demolitions, modifications to the existing patio and roofing system.

Specific Role: Architect Size: 4,000 sq. ft. Cost: $660,000

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

16. NAME	17. ROLE IN THIS CONTRACT	18. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Carl Baughman, RA	Senior Architect	37	7

19. FIRM NAME AND LOCATION (City and State)
Star Consultants, Inc., Columbus, Ohio

20. EDUCATION (DEGREE AND SPECIALIZATION)	21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Ohio State University: BS in Architecture, 1971	State of Ohio: Registered Architect

22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
UCP-ODOT certified for construction and consulting; Green Advantage™ certified commercial; ASHRAE 90.1-2007 certificate

23. RELEVANT PROJECTS *(Up to a maximum of 5 samples)*

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Horizon Science Academy High School Gymnasium Addition Cleveland, Ohio	2008	2008	9

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: This project consisted of adding a new pre-engineered gymnasium (NCAA), cafeteria, classrooms, offices and storage rooms to the existing Horizon Academy school. Classrooms include a music room and an art studio. The addition was added to the existing circular building construction allowing for the expansion of the existing cafeteria on the ground floor level.
Specific Role: Lead Architect Size: 15,000 Square Feet Cost: $2,200,000

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Interior Office Renovation Columbus, Ohio	2008	2008/09	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Interior renovation of an existing police station. Interior design and space planning, new doors, wall and floor coverings, fire separations, ADA restrooms and new exercise room in the existing garage area.
Specific Role: Lead Architect Size: 3,110 Square Feet Cost: $210,230

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
Townshend Hall 1st Floor & 2nd Floor Renovations Columbus, Ohio	2007/08	2008/09	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Conversion of existing space into new conference room. Renovation of existing first floor rooms to accommodate new Computer Room Laboratory, Server Room and Faculty Offices.
Specific Role: Lead Architect Cost: $803,000.00 + $340,000

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
VA – Expand Waiting Rooms, Third Floor Columbus, Ohio	2009/10	2010/11	3

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Conversion of existing offices into a new large waiting room and the addition on new offices on the third floor exterior patio of the ambulatory care center building. The project included demolition of existing offices, exterior demolitions, modifications to the existing patio and roofing system.
Specific Role: Project Manager / Lead Architect Size: 4,000 sq. ft. Cost: $660,000

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY #
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
CMHA Post Oak Station, General Improvements Columbus, Ohio	2009	2010	-

(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Scope: Renovation of 142 residential units. Exterior work included the removal and replacement of the existing horizontal building siding, gutters and downspouts. The interior work included the removal and replacement of the existing toilets, removal and replacement of bathroom flooring and subflooring, replacement of kitchen counters, exhaust fans, and cabinets in various residential units.
Specific Role: Lead Architect Size: 45,000 Sq.ft. Cost: $550,000

10

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	24. EXAMPLE PROJECT KEY No. 1

25. TITLE AND LOCATION *(City and State)*	26. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Bureau of Workers Compensation Tower, MEP Systems Assessment and Design Downtown Columbus, Ohio	2009/10	2010/11

27. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
State of Ohio, Bureau of Workers Compensation	Frank Iannaggi	614-644-7298

28. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Scope: POR report was developed to evaluate feasibility of existing ice storage system. A life cycle analysis was performed for different options. Scope included: Replacement of chillers & pumps, Modifications to the existing pumps and piping, New condenser water storage tank addition, Control system upgrade, Associated electrical and structural work. Alternates were also provided.

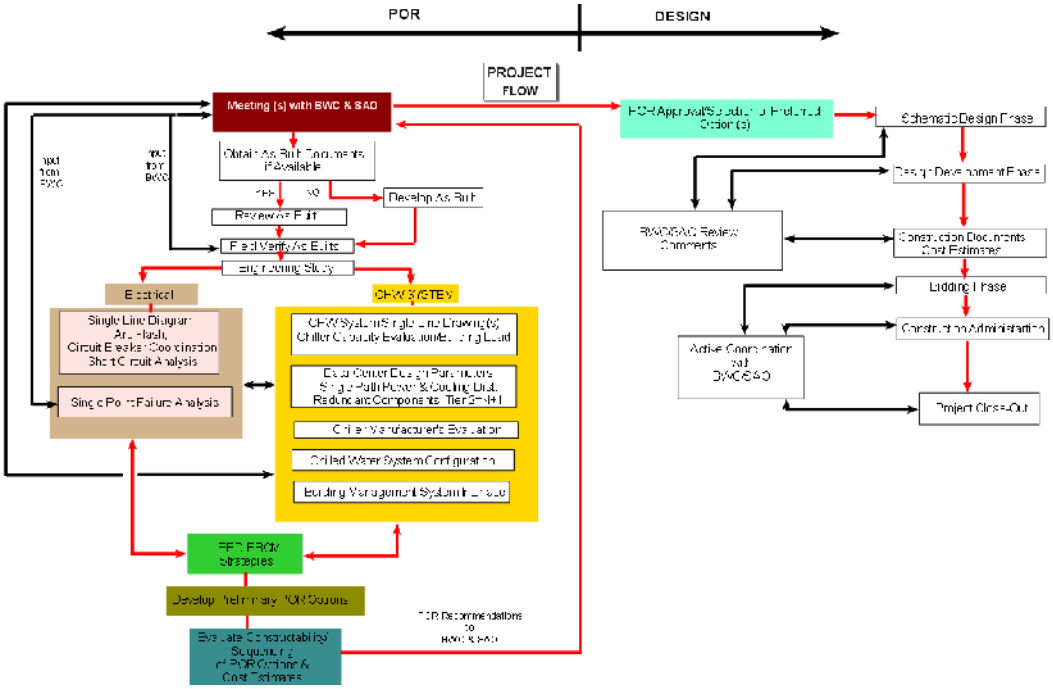
Mechanical: The primary scope of work included the replacement of (4) original 750-ton nominal ton ice-making chillers rated at 460 tons in ice-making mode with (4) 640 ton centrifugal chillers and creating N+1 redundancy to provide uninterrupted cooling to data center. Conversion from ice-making system to chilled water system due to existing ice system being undersized. All HVAC equipment specified was energy efficient.

Electrical: All electrical systems were also evaluated to balance the loads on electric buses, single point failure analysis was conducted to upgrade the electrical system to N+1 (tier-2).

Structural: Elevated platforms, design of 3000 gallon steel tank, framing support for the tank, five (5) 750 ton chiller platforms.

Size: 1,000,000 Sq. Ft.
Cost: $2,500,000

Project Manager: Hamid Mukhtar, Ph.D., P.E.



29. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
	Star Consultants, Inc.	Columbus, Ohio	Project Management, Facility Assessment and Evaluation, Architectural, Structural, MEP Engineering, Preparation of Construction Documents, Bidding, Fire Protection, Cost Estimates, Environmental, Quality Assurance, Construction Administration

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	24. EXAMPLE PROJECT KEY No. 2

25. TITLE AND LOCATION *(City and State)*	26. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Electrical Power Distribution Study & Upgrade Camp Perry, Port Clinton Ohio	2009/10	2010

27. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Ohio Army National Guard Adjutant Generals Department	Mr. James Penn, Facility Manager	(614) 336-7307

28. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Scope of Project: Camp Perry is a National Guard training center located on the shore of Lake Erie. The center provides traditional and automated small arms rifle and pistol ranges for Ohio Army National Guard soldier training. The original land for Camp Perry was purchased in 1906, many of the buildings date from the 1940's, World War II. The electric service to the Army National Guard facility at Camp Perry, Ohio is provided by Ohio Edison, a subsidiary of First Energy Corporation. The original electric service to the Camp was installed in the 1920's by Ohio Public Service. It was installed as a 7200 volt delta service. Ohio Public Service merged with Ohio Edison in the 1950's. In the mid 1960's, Ohio Edison was converting all of their delta systems to grounded wye system. This included converting the 7200 volt delta power line to Camp Perry to 34.5 kV grounded wye. But rather than force Camp Perry to change to 34.5 kV at that time, Ohio Edison provided a 34.5 kV to 7200 volt service transformer. This transformer was installed in 1968 and has been in service since then.

The project involved rebuilding the overhead electric distribution system with new overhead lines operating at 12470/7200 volt wye utilizing armless construction standards. Substation were to have two 2500 kVA (3125 kVA with cooling fans), 34.5/12.47 kV transformers with loop feeds to increase system reliability. Existing single phase pole mounted transformers was to be reused while all the pad mounted transformers shall be replaced except those with dual voltage option. New 45 feet tall poles will carry a static line on the top for lightning protection. Location of the new poles will be more or less the same as the existing ones therefore secondary distribution will not be much disturbed and shifted to the new poles. Several facilities will receive backup power generators and smart metering capabilities. All area/street lighting will be upgraded.

Project Cost: $ 3,500,000

Project Manager: Hamid Mukhtar, Ph.D., P.E.

29. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Star Consultants, Inc.	Columbus, Ohio	Facility Assessment Study, Project Management, Electrical Engineering Design, Preparation of Construction Documents, Quality, Assurance, Bidding, Construction Administration
b.	GPD Group	Akron, Ohio	Engineering Services

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		24. EXAMPLE PROJECT KEY No. 3
25. TITLE AND LOCATION *(City and State)*	26. YEAR COMPLETED	
VA – Expand Waiting Rooms, Third Floor Columbus, Ohio	PROFESSIONAL SERVICES 2009/10	CONSTRUCTION (if applicable) 2010

27. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Veteran's Affairs	Philip Kirk, Chief Engineer	(614) 257-5324

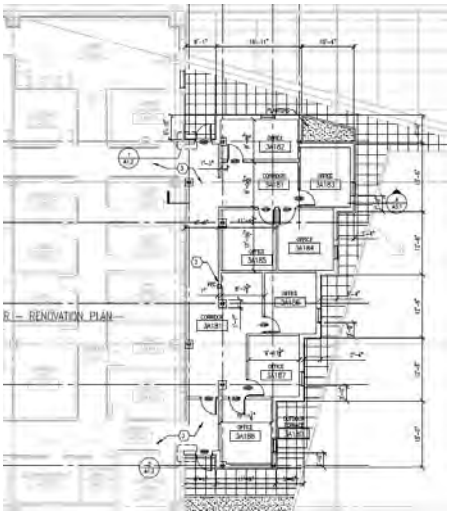
28. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Scope of Work: This project involved the removal of six existing medical offices to create a new large patient waiting room on the third floor of the VA Ambulatory Care Center. A new office area, with seven new offices was added on the third floor exterior patio of the Ambulatory Care Center.

- Architectural: Demolition of existing offices and exterior demolitions. The interior renovated area was redesigned into a patient waiting room. The exterior addition was designed as office space to replace the existing office space that was to be demolished. The exterior addition involved new roofing, doors, windows, metal panel walls to match the existing copper-colored facade, and modifications to the exterior patio terrace surfacing.
- Structural: Structural steel framing with new columns resting on existing beams in the ceiling space below, new steel joists and metal deck, roof framing, cold form metal framing, elevated concrete slab on the 3rd floor.
- HVAC: Modified existing HVAC system to provide cooling and heating for renovated areas including new VAV units, air devices, ductwork, piping, and controls. Evaluated the existing system capacity to handle new addition. Expanded control system. All HVAC equipment specified was energy efficient.
- Electrical: New electrical systems/service, controls, lighting, panels and fire alarm systems. New security camera system. New light fixtures specified were energy efficient.
- Plumbing: New roof drains and associated piping.

Project Cost: $660,000 Size: 4,000 sq. ft.

Principal-in-Charge: Ali Alghothani, Ph.D., P.E.
Project Manager: Carl Baughman, RA



29. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
	Star Consultants, Inc.	Columbus, Ohio	Project Management, Facility Assessment & Evaluation, POR Development, Architectural, Structural Engineering, Civil Engineering, HVAC, Plumbing, Electrical Engineering (lighting & power), Fire Protection, Preparation of Construction Documents, Quality Assurance, Bidding, Construction Administration

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		24. EXAMPLE PROJECT KEY No. 4
25. TITLE AND LOCATION *(City and State)*	26. YEAR COMPLETED	
VA-Fuel Oil Tank for Boiler Backup	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Columbus, Ohio	2009/10	2010/11

27. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Veteran's Affairs	Philip Kirk, Chief Engineer	(614) 257-5324

28. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This project was one of nine sub projects of an Indefinite Delivery/Indefinite Quantity (IDIQ) contract with the Department of Veterans Affairs

Scope: This project involved the addition of an underground room to house a 30,000 gallon of fuel oil adjacent to the existing elevator room. The scope of work also included the installation of daily fuel tanks for adequate backup fuel supply for the boilers.

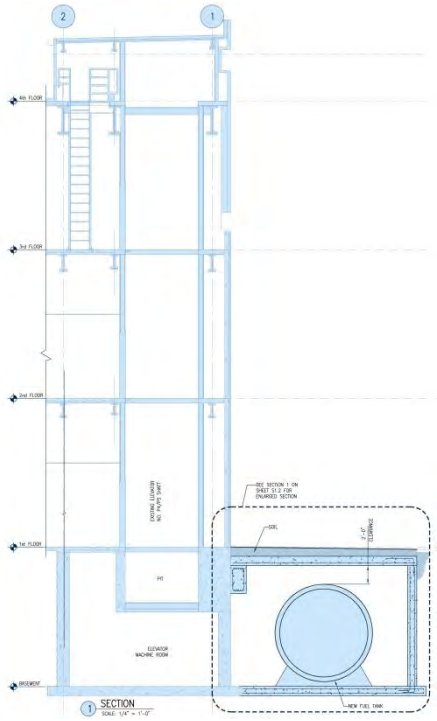
Architectural/Structural: Underground mechanical room (~1200 Sq.ft.), mat foundation, poured-concrete walls, 12" pre-cast Flexicore hollow slab with lightweight concrete topping.

Mechanical: Furnishing and installation of fuel tank, pumps, piping & ventilation

Electrical: electrical service for new additions

Cost: $600,000

Project Manager: Ali Alghothani, Ph.D., P.E.



29. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
	Star Consultants, Inc.	Columbus, Ohio	Project Management, Facility Assessment, POR Development, Architectural, Civil, Structural, MEP Engineering, Preparation of Construction Documents, Quality Assurance, Fire Protection, Cost Estimates, Environmental, Bidding, Construction Administration

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		24. EXAMPLE PROJECT KEY No. 5
25. TITLE AND LOCATION *(City and State)*	26. YEAR COMPLETED	
National Guard, Joint Force Headquarters Addition Columbus, Ohio	PROFESSIONAL SERVICES 2010	CONSTRUCTION (if applicable) 2010/11

27. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Ohio Army National Guard	Mr. Nick Cassidy, Project Manager, State Architect's Office LTC Greg Rogers, Facility Design and Project Management	(614) 466-5419 (614) 336-7194

28. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Scope of Project: This project consists of adding a new, underground, secured Facility for the Joint Command Center for Ohio Army National Guard.

- Architectural/ Structural Services: ADA Compliance, Space Programming, Floor Covering/Tile, Security Door & Windows. All force protection requirements were met on this Facility. Specific requirements for the facility are classified and cannot be revealed due to the nature of the Facility. Force protection requirements are met according to UFC 4-010. These requirements include security doors and windows, blast proof protections for the entire Facility.
- LEED / Sustainable Design: This facility was required to follow LEED NC guidelines, although the facility was not required to be certified a LEED Silver compliance level was required. In order to take advantage of sitting it was determined to lower the facility to match existing basement floor level and install a sod roof.
- Structural: spread and strip foundations, Reinforced Concrete shear walls.
- HVAC: New forced air heating and cooling system and air handling units. Variable Refrigerant flow heat pump system. All HVAC equipment specified was energy efficient.
- Electrical: New electric service, lighting, power panels, and backup power generation. New light fixtures specified were energy efficient.

Size: Classified Cost: $2,200,000

Principal-in-Charge: Hamid Mukhtar, Ph.D., P.E
Project Manager: John Kloch, RA

29. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
	Star Consultants, Inc.	Columbus, Ohio	Project Management, Facility Evaluation, Architectural, Structural Engineering, Civil Engineering, HVAC, Plumbing, Electrical Engineering (lighting & power), Fire Protection, Preparation of Construction Documents, Quality Assurance, Bidding, Construction Administration

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		24. EXAMPLE PROJECT KEY No. 6
25. TITLE AND LOCATION *(City and State)*	26. YEAR COMPLETED	
ODOT District 10 Headquarters HVAC Assessment and Upgrades Marietta, Ohio	PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable) 2009

27. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Department of Administrative Services; Office of State Architect	Mr. Bruce Ratekin, Project Manager	(614) 644-5913

28. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Scope of Project: Provided a feasibility study including preliminary cost estimate, schematic design, and recommendations for repair of the existing HVAC system.

- HVAC: Upgraded HVAC system to VAV Air Terminal Units with reheats, replaced Chillers with 80 ton air cooled chiller, Boilers with high efficiency condensing boilers, and upgraded chilled water and heating water plants, provided more efficient control system..
- Electrical: New electrical Panelboards, lighting upgrades, lightning protection and all Electrical work associated with the equipment.

Size: 90,000 Square Feet Cost: $1,000,000

Project Manager: Hamid Mukhtar, Ph.D., P.E.

29. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
	Star Consultants, Inc.	Columbus, Ohio	Project Management, Facility Evaluation, POR Development, Architectural, Structural Engineering, HVAC, Plumbing, Electrical Engineering (lighting & power), Fire Protection, Preparation of Construction Documents, Quality Assurance, Bidding, Construction Administration

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		24. EXAMPLE PROJECT KEY No. 7
25. TITLE AND LOCATION *(City and State)*	26. YEAR COMPLETED	
ODPS Academy Infrastructure Improvement Phase 2 Columbus, Ohio	PROFESSIONAL SERVICES 2006/07	CONSTRUCTION (if applicable) 2008

27. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
The Ohio Department of Public Safety	Mr. Dan Richhart, RA/Tom Ford, RA	(614) 752-4354

28. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Scope of Project: Conducted field investigation to validate/develop a program of requirement for the project. Star compiled information for all MEP systems to develop a comprehensive program in electronic format for analysis, funds allocation and design. Field measured and confirmed existing field conditions not currently documented in existing drawings for existing systems. Produced drawings reflecting overall systems layout and as built conditions. POR was implemented by upgrading existing MEP systems such as boilers, air handlers, piping modifications and all associated work to bring the systems up to today's code requirement and functionality. DD controls were provided as part of this contract.

HVAC: Upgrades including Fan Coil Unit piping upgrade, Boilers, Air Handling Units, Valves replacement, Pumps and piping modification. Upgraded Controls
Electrical: New electrical Panelboards, lighting upgrades, lightning protection and all Electrical work associated with the equipment.
Plumbing: Minor plumbing upgrades.

Size: 26,000 Square Feet Cost: $850,000
Project Manager: Hamid Mukhtar, Ph.D., P.E.

29. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
	Star Consultants, Inc.	Columbus, Ohio	Project Management, Facility Investigation, POR Development, Architectural, Structural, MEP, Preparation of Construction Documents, Fire Protection, Cost Estimates, Environmental, Preparation of Construction Documents, Quality, Assurance, Bidding, Construction Administration

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		24. EXAMPLE PROJECT KEY No. 8
25. TITLE AND LOCATION *(City and State)*	26. YEAR COMPLETED	
Marion Correctional Renovations Marion, Ohio	PROFESSIONAL SERVICES 2005	CONSTRUCTION (if applicable) 2008/09

27. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Ohio Department of Rehabilitation & Corrections	Mr. Kevin Wade, Project Manager Mr. Tim Elmer	(614) 995-0632 (614) 728-1130

28. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

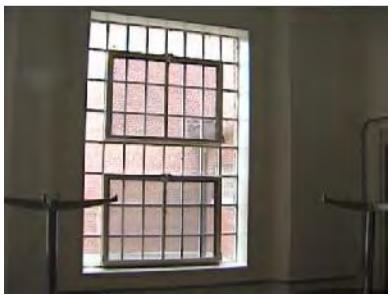
Star Consultants performed four sub-projects for the Marion Correctional Institution:

Masonry Rehabilitation & Roof Renovation

Scope: Project was under taken to restore the masonry buildings, foundation repairs and roof replacement of Administration building.

- Architectural/Structural: Roof evaluation/replacement, Structural design, Construction documents, construction administration. New roof system was evaluated to comply with the Code requirements and Energy requirements of ASHARE 90.1.

Cost: $ 1,500,000



Window Replacements

Scope: Project was undertaken to replace security windows in inmate Dormitories. The existing windows were single pan non insulated windows. These windows were replaced with medium security grade, steel windows meeting the requirements of ASTM F 1592 Standard Test Methods for Detention Hollow metal vision system requirements.

- Architectural/Structural: Security window replacement for six dormitories.

Size: 75 windows each dormitory Cost: $650,000

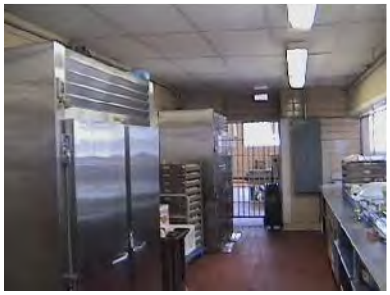
Concrete Flooring Replacement

Star Consultants performed a forensic inspection of the wind loss and a study of the structural integrity of the flooring system of six dorms. Repair/Replacement of the flooring to maintain the structural integrity of these structures.

Size: 15,360 SF Cost of damage: $631,000

Kitchen Upgrade

Scope of Project: Project was undertaken to renovate and upgrade the existing kitchen and food service line. New flooring was provided on the kitchen area. The HVAC System and the plumbing service (including drains) were upgraded. The facility serves approximately 1800 meals three times a day. Scope included site/ building evaluation, estimation, schematic design, design development, construction documents and construction administration.



- Architectural/Structural: ADA compliance, space relocation, structural evaluation and repairs, floor covering/tile, ceiling replacement, brick/block masonry repairs and restoration.
- Kitchen: Equipment and food service line.
- HVAC: Ventilation Studies: Four new packaged air handling units and exhaust fans.
- Electrical: New electric service and panels.
- Asbestos Abatement

Size: 25,000 Square Feet Cost: $455,000

Project Manager: Ali Alghothani, P.E

29. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
	Star Consultants, Inc.	Columbus, Ohio	Project Management, POR Review, A/E Services, Roof Consulting, Preparation of Construction Documents, Bid Documents, Cost Estimates, Environmental, Quality Assurance, Construction Administration

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		24. EXAMPLE PROJECT KEY No. 9
25. TITLE AND LOCATION *(City and State)*	26. YEAR COMPLETED	
Horizon Science Academy High School Addition Cleveland, Ohio	PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable) 2008

27. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Horizon Science Academy	Mr. Murat Arabaci	(224) 805-9093

28. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Scope of Project: This project consists of adding a new gymnasium (NCAA), cafeteria, classrooms, offices and storage rooms to the existing Horizon Academy school. The addition was added to the existing circular building construction allowing for the expansion of the existing cafeteria on the ground floor level.

- Architectural: Design for new classrooms (including music room and art studio), cafeteria expansion, gymnasium, lobby, offices. Addition of toilet rooms. ADA & Code Compliance, Space Relocation, Interior design (Walls, Floor Covering/Tile), Exterior and Interior Doors & Windows, Graphical Renderings of exterior (shown below).
- Structural: New masonry and structural steel constuction for addition (spread and strip foundations, masonry shear walls).
- HVAC: New forced air heating and cooling system, roof top units Hydronic system utilizing hot water boiler and unit cabinet heater, infrared heater and air handling units.
- Electrical: New electric service and power panels.
- Plumbing: Restroom. included piping for domestic hot & cold water, sanitary & vent piping, fixtures & toilet partitions

Size: 15,000 Square Feet Cost: $2,200,000
Project Manager: Ali Alghothani, Ph.D., P.E.

29. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
	Star Consultants, Inc.	Columbus, Ohio	Project Management, Facility Investigation, Architectural, Structural Engineering, Civil Engineering, HVAC, Plumbing, Electrical Engineering (lighting & power), Fire Protection, Preparation of Construction Documents, Quality Assurance, Bidding, Construction Administration

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		24. EXAMPLE PROJECT KEY No. 10
25. TITLE AND LOCATION *(City and State)*	26. YEAR COMPLETED	
Horizon Science Academy High School & Gymnasium Toledo, Ohio	PROFESSIONAL SERVICES 2009/10	CONSTRUCTION (if applicable) 2010

27. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Horizon Science Academy	Mr. Murat Arabaci	(224) 805-9093

28. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Scope of Project: This project consists of converting an existing grocery store into a new high school. The modified building includes a new gymnasium (NCAA), cafeteria, classrooms, restrooms, offices and storage rooms. Classrooms include computer labs, art and music rooms. The site is to be modified to accommodate an outdoor field and track.

- Architectural: Design for new classrooms, labs, library, cafeteria, gymnasium, lobby, offices, etc. Addition of toilet rooms and kitchen. Food service equipment was taken into consideration for the design of the kitchen. ADA & Code Compliance, Space Relocation, Interior design (Walls, Floor Covering/Tile), Interior and Exterior Doors & Windows, Graphical Renderings of interior and exterior (shown below).
- Structural: Structural Framing for new gymnasium. A section of the existing roof was demolished, removed, and replaced with new roof to accommodate for new gymnasium.
- HVAC: Complete new HVAC system and controls. All HVAC equipment specified was energy efficient.
- Electrical: New lighting design, power design, data and communication. New light fixtures specified were energy efficient.
- Plumbing: Restrooms, piping for domestic hot & cold water, sanitary & vent piping, fixtures & toilet partitions.

Size: 60,000 Square Feet Cost: $4,000,000

Project Manager: Ali Alghothani, Ph.D., P.E.

29. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
	Star Consultants, Inc.	Columbus, Ohio	Project Management, Facility Investigation, Architectural, Structural Engineering, Roof consulting, Civil Engineering, HVAC, Plumbing, Electrical Engineering (lighting & power), Fire Protection, Preparation of Construction Documents, Quality Assurance, Bidding, Construction Administration

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

30. NAMES OF KEY PERSONNEL (From Section E, Block 12)	31. ROLE IN THIS CONTRACT (From Section E, Block 13)	32. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Hamid Mukhtar, PhD, PE	Project Manager/ Civil Engineer	X	X	X	X	X	X	X	X	X	X
Ali Alghothani, PhD, PE	Lead Structural Engineer / Project Manager	X		X	X	X	X	X	X	X	X
Adamu Bature, PE	Structural Engineer			X	X	X			X	X	X
Leslie Thompson, PE	Lead Civil Engineer				X	X					X
Dmitry Korshakovsky, PE	Lead Mechanical Engineer	X		X	X	X	X	X	X	X	X
David Zofko, PE	Mechanical Engineer	X		X	X	X					X
Par Luthra, PE	Plumbing Engineer	X		X	X	X	X	X	X	X	X
Ed Geraghty, PE	Mechanical Engineer/Commissioning	X		X	X	X	X	X	X	X	X
Ned Reed, PE	Lead Electrical Engineer	X	X	X	X	X	X	X	X	X	X
Yakov Roytman, BSc	Electrical Designer	X	X	X	X	X					X
Nadim Quraishi, BSC	Electrical Designer	X	X	X	X	X			X	X	X
John Kloch, RA, ALA	Lead Architect / Project Manager	X		X	X	X					X
Carl Baughman, RA	Senior Architect	X		X	X	X		X	X	X	X
Asheer Tashfeen, MFA	Architectural Support	X		X	X	X	X	X	X	X	X
John Shepherd, ALA	Landscape Architect										
Kehnneth Yeung, LEED AP	LEED Consulting	X		X	X	X				X	X

33. EXAMPLE PROJECTS KEY

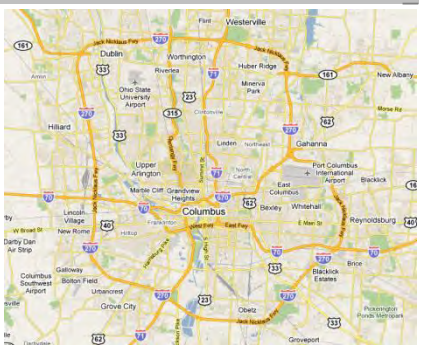
NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Bureau of Workers Compensation Tower, Mechanical Systems Assessment and Design	6	ODOT District 10 Headquarters HVAC Assessment and Upgrades
2	Camp Perry Electrical Power Distribution Study & Upgrade	7	ODPS Academy Infrastructure Improvement Phase 2
3	VA – Expand Waiting Rooms, Third Floor	8	Marion Correctional Renovations
4	VA – Fuel Oil Tank for Boiler Backup	9	Horizon Science Academy High School Gymnasium Addition Cleveland, Ohio
5	National Guard, Joint Force Headquarters Addition	10	Horizon Science Academy High School & Gymnasium Toledo, Ohio

H. ADDITIONAL INFORMATION

34a. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE CONTRACTING AUTHORITY. ATTACH ADDITIONAL SHEETS AS NEEDED.

1. A/E FIRM LOCATION

Star Consultants, Inc. is located on:
1910 Crown Park Court
Columbus, OH 43235



Star Consultants, Inc. is a Certified EDGE, DBE, and MBE.

2. A/E FIRM SIZE

Number of relevant licensed professionals within primary A/E firm available to perform the work.

Star Consultants, Inc. has 12 licensed professionals specifically dedicated to the State Architect's Office's projects who would be assigned and available to perform work.

Our team associates are highly trained and experienced individuals with years of experience working on a wide range of project types. All our team members are enthusiastic at the prospect of working with the State Architect's Office.

	Name	Title	Years of Experience	Relevant Licensed Professionals Available
1	Hamid Mukhtar, PhD, PE	Project Manager/ Civil Engineer	28	Yes
2	Ali Alghothani, PhD, PE	Lead Structural Engineer / Project Manager	30+	Yes
3	Adamu Bature, PE	Structural Engineer		Yes
4	Leslie Thompson, PE	Lead Civil Engineer	30+	Yes
5	Dmitry Korshakovsky, PE	Lead Mechanical Engineer	15	Yes
6	David Zofko, PE	Mechanical Engineer	30+	Yes
7	Par Luthra, PE	Plumbing Engineer	30+	Yes
8	Ed Geraghty, PE	Mechanical Engineer/Commissioning		Yes
9	Ned Reed, PE	Lead Electrical Engineer	30+	Yes
10	Yakov Roytman, BSc	Electrical Designer		
11	Nadim Quraishi, BSC	Electrical Designer		
12	John Kloch, RA, ALA	Lead Architect / Project Manager	30+	Yes
13	Carl Baughman, RA	Senior Architect	30+	Yes
14	Asheer Tashfeen, MFA	Architectural Support	5	
15	Brandon Pargeon	Architectural Support	5	
16	Kehnneth Yeung, LEED AP	LEED Consulting	15	
17	Dan Shepherd, RLA	Landscape Architect	30	Yes

3. CURRENT WORKLOAD

Amount of fees awarded by the Contracting Authority to the primary A/E firm in the previous 24 months (excluding projects on hold).

The amount of fees awarded by this Contracting Authority to Star in the previous 24 months is less than $300,000.

4. PRIMARY A/E QUALIFICATIONS

4/A PROJECT MANAGEMENT LEAD

Experience / ability of A/E project manager to manage scope / budget / schedule / quality

Hamid Mukhtar, Ph.D., PE,
Project Manager/Civil Engineer

Mr. Mukhtar has 28 years of experience in the construction industry. During his career he has designed, managed and supervised a wide variety of projects that were completed within the budget, on schedule and with minimal error and omission change orders. This section is tailored to reflect his relevant project experience. For all the listed projects, Mr. Mukhtar performed as a designer/supervisor and is familiar with State of Ohio Capital Project Administration Process. Mr. Mukhtar has completed several projects for different State of Ohio Agencies over the years. Mr. Mukhtar has successfully completed numerous projects for the State of Ohio Agencies including the State Architect's office. He's member of Roof Consultants Institute (RCI), and National Roofing Contractors Association (NRCA). Mr. Mukhtar has had *OAKS CI Management Experience.*

Recent Experience:
Joint Force Headquarters, *Ohio Army National Guard (OANG), Columbus, Ohio (2010)*
Electrical Power Distribution Study & Upgrade, *OANG, Camp Perry, Port Clinton, Ohio (2009)*
Field Maintenance Facility, Bay Expansion, *OANG, Hamilton, Ohio (2008)*
Clark State Community College, *Springfield, Ohio (2005-2007)*
Bureau of Workers Compensation Tower, *Chillers upgrade, Columbus, Ohio (2010)*
HVAC Upgrades, *Deshler Elementary School, Columbus, Ohio (2006)*
ODOT Maintenance Facility, *Springfield, Ohio (2009)*
Ohio State Highway Patrol Academy Infrastructure Improvement, *Columbus, Ohio (2008)*
Oakwood Correctional Institution, *ODRC, Lima, Ohio (2009)*
London Correctional Institution, *State Architect's Office/ODRC (2009/2010)*

4/B PROJECT DESIGN LEAD/STRUCTURAL

Experience / Creativity of lead designer to meet needs of owner

Ali Alghothani, Ph.D., PE
Lead Structural Engineer / Project Manager

Dr. Alghothani has more than 31 years of experience in consulting engineering and management and, for 5 years, was the professor and chairperson of mechanical engineering technology at Franklin University. He has taught "Behavior of Structural Elements" such as beams, slab flooring, & foundations at The Ohio State University. His specialty is Structural Engineering. He is an expert in analysis, design, failure investigation, and rehabilitation of structures. Dr. Alghothani has extensive experience in management, design, and analysis of reinforced concrete, pre-cast concrete, steel, pre-engineered structures, and composite structures. He is very familiar with all aspects of projects from planning and preliminary development to final plans. Dr. Alghothani supervises and prepares engineering drawings and specifications based on code requirements and budget constraints. He checks shop drawings and carries out Field inspections.

Recent Experience:
Department of Veterans Affairs, Expand Waiting Rooms on 3rd Floor, *Columbus, Ohio (2009)*
Joint Force Headquarters, *Ohio Army National Guard (OANG), Columbus, Ohio (2010)*
Field Maintenance Facility, Bay Expansion, *OANG, Hamilton, Ohio (2008)*
Stow Armory Renovation, *OANG, Stow, Ohio (2003)*
Horizon Science Academy, High School, *Toledo, Ohio (2009/2010)*
Horizon Science Academy, School Renovations, *Dayton, Ohio (2009)*
Zanesville High School, *Zanesville, Ohio (2008)*

White Castle, Additions, *Covington, Kentucky (2006)*
Townshend Hall 1st Floor & 2nd Floor Renovations, *The Ohio State University, Columbus, Ohio (2007/08)*

4/B CIVIL DESIGN LEAD
Experience / creativity of lead designer to meet needs of owner

Leslie Thompson, PE
Lead Civil Engineer

Mr. Thompson has over 38 years of experience providing civil engineering services in planning, cost benefit analyses, life cycle analyses, detailed design and construction administration of infrastructure projects. His project experience includes site development, street geometrics and grading, storm drainage, water distribution systems, wastewater collection and conveyance systems, traffic signaling, highway design, airport layout and design, land reclamation, loading docks and underground storage facilities. He has over 39 years of Roadway design and Project Management. Projects such as the Entrance Drive and Parking lots for North Central State, Entrance Drive and Parking lots for the Dayton Veterans Administration Hospital and the VA Hospital in Columbus. The Entrance Drive and bridge at the London Correctional Facility in London, Ohio, Dublin Center Drive for the City of Dublin, Ohio and many others. He has recently completed upgraded training from ODOT in Traffic and Signage.

Recent Experience:
Joint Force Headquarters, *Ohio Army National Guard (OANG), Columbus, Ohio (2010)*
North Central State College & Ohio State University, Drives and Parking Lots $1.2 M *(2009-2010)*
Ohio National Guard Paving Renovations, $520,000 (2010)
Camp Perry Parking Lot and Trippe Rd. Rebuild. $ 540,000(2010)
Stouffer Rd. Reconstruction, Columbus, Ohio $200,000 (2008)
Veterans Affairs, New Parking Lot, *Columbus, Ohio (2009)*
Horizon Science Academy, High School, *Toledo, Ohio (2009/2010)*
Wright Patterson Laboratories, *Dayton, Ohio*

4/B PROJECT DESIGN LEAD/MECHANICAL
Experience / Creativity of lead designer to meet needs of owner

Dmitry Korshakovsky, P.E.
Lead Mechanical Engineer

Mr. Dmitry Korshakovsky has extensive experience in the design and development of complete HVAC systems and piping for commercial buildings, institutional and health care facilities. He has prepared concept sketches, preliminary planning and cost estimates, flow & instrumentation diagrams, construction documents, specifications and including control sequence. He has reviewed vendor documents and performed bid evaluations. He has interfaced with other disciplines for quality and timely project completion. He has conducted field evaluation for modification of existing HVAC systems for various building types including control rooms, service buildings, equipment rooms, cafeterias, and health care institutions. He has supervised and checked design work of designers and draftsmen. Some of recent major projects are as follows:

Experience:
Townshend Hall 1st Floor & 2nd Floor Renovations, *The Ohio State University, Columbus, Ohio (2007/08)*
Bureau of Workers Compensation Tower, Chillers Upgrade, *Columbus, Ohio (2010)*
Joint Force Headquarters, *Ohio Army National Guard (OANG), Columbus, Ohio (2010)*
ODOT Maintenance Facility, *Springfield, Ohio (2009)*
Horizon Science Academy, School Renovations, *Dayton, Ohio (2009)*
Horizon Science Academy Gym Addition, *Cleveland, Ohio (2008)*
Veterans Affairs, Waiting Rooms, *Columbus, Ohio (2009)*
Veterans Affairs, Bathroom Expansion, *Columbus, Ohio (2009)*
Veterans Affairs, Fuel Tank Expansion, *Columbus, Ohio (2009)*
Bureau of Workers Compensation Tower, *Columbus, Ohio (2010)*

4/B PROJECT DESIGN LEAD/ELECTRICAL
Experience / Creativity of lead designer to meet needs of owner

Ned D. Reed, P.E.
Lead Electrical Engineer

Mr. Reed has over 30 years of experience in industrial, commercial educational, governmental and health care design and construction. In this role, Ned has been involved in the design of electrical power, lighting systems, back-up power systems, emergency & egress lighting systems, fire alarm systems, telecommunications systems, water management control systems, and uninterruptible power systems. The ensuing sections are a list of relevant projects for which Mr. Reed was a Lead Electrical Engineer:

Experience:
Clark State Community College, *Springfield, Ohio (2005-2007)*
Bureau of Workers Compensation Tower, *Chillers Upgrade, Columbus, Ohio (2010)*
Joint Force Headquarters, *Ohio Army National Guard (OANG), Columbus, Ohio (2010)*
Electrical Power Distribution Study & Upgrade, *OANG, Camp Perry, Port Clinton, Ohio (2009)*
Field Maintenance Facility, Bay Expansion, *OANG, Hamilton, Ohio (2008)*
Field Maintenance Facility, Bay Expansion, *OANG, North Canton, Ohio (2008)*
Veterans Affairs, Bathroom Expansion, *Columbus, Ohio (2009)*
Veterans Affairs, Emergency Power Increase, *Columbus, Ohio (2009)*
Horizon Science Academy, High School, *Columbus, Ohio (2009/2010)*
Horizon Science Academy, High School, *Toledo, Ohio (2009/2010)*
ODOT Maintenance Facility, *Springfield, Ohio (2009)*

4/B PROJECT DESIGN LEAD/ARCHITECTURAL
Experience / Creativity of lead designer to meet needs of owner

John E, Kloch, ALA
Lead Architect / Project Manager

Mr. Kloch joined Star Consultants in 2009, and serves as Director of our Studio. He also has business development and project management responsibilities. With more than 35 years of professional experience in planning, design and construction of commercial, historic preservation and adaptive re-use, health care, long-term care, residential, and religious/worship types of projects, he consistently delivers completed projects on time and on budget. Prior to joining Star, John was managing principal and sole proprietor of an architectural firm where he led the design and development of numerous clinical and non-clinical facilities across Ohio and the Midwest, from client development through planning and construction documentation. He has also practiced architecture in New York, and served as Facilities Program Coordinator for State University of New York (SUNY) Upstate Medical Center.

Relevant Experience:

Joint Force Headquarters, *Ohio Army National Guard (OANG), Columbus, Ohio (2010)*
Veterans Affairs, Waiting Rooms, *Columbus, Ohio (2009)*
Horizon Science Academy, High School, *Columbus, Ohio (2009/2010)*
Horizon Science Academy, High School, *Toledo, Ohio (2009/2010)*
Horizon Science Academy, School Renovations, *Dayton, Ohio (2009)*
Oakwood Correctional Institution, Roof Replacement, *ODRC, Lima, Ohio (2009)*
London Correctional Institution, Roof Renovation, *State Architect's Office/ODRC (2009/2010)*
SJCF Roof Replacement, *Ohio Department of Youth Services, Delaware, Ohio (2010)*
Lakefront Commons Townhomes, *Buffalo Lakefront*
West Ferry Walk, Luxury Condominiums, *Buffalo, N.Y.*
Kibler School, Senior Apartment Conversion, *Tonawanda, NY*

4/C TECHINICAL STAFF / MECHANICAL

Experience / ability of technical staff to develop quality construction documents

David Zofko, PE, CBO

Mechanical Engineer

Mr. Zofko is a registered mechanical engineer. Mr. Zofko's experience in the engineering field is enhanced by his 15-year ownership of a construction firm with both national and international projects. His company was formed to function as Professional Engineers, General Contractors, Developers, Construction Managers and Consultants. Prior to being in business for himself, he was a project engineer for a national shopping mall developer. Mr. Zofko has been called upon by the legal profession on numerous occasions to serve as an expert witness in engineering, construction claims and construction disputes. His expertise in contract negotiations, project management, equipment purchase, feasibility studies and cost analysis is a valuable asset in all phases of construction related work responsibilities

Certifications: Ohio Board of Building Standards Chief Building Official, Chief, Building Inspector, Mechanical Inspector, Fire Inspector, Plans Examiner (P003073), Plumbing Inspector (KZ01539), Ohio, Manufactured Home Inspector (20060039), Licenses: Ohio Construction Industry Licensing Board Licenses; HVAC, Refrigeration, Plumbing and Hydronic (#26511)

Relevant Experience:

Joint Force Headquarters, *Ohio Army National Guard (OANG), Columbus, Ohio (2010)*
Horizon Science Academy, High School, *Columbus, Ohio (2010)*
Bureau of Workers Compensation Tower, Chillers Upgrade, *Columbus, Ohio (2010)*
New NFL Stadium of the Cleveland Browns, *Cleveland, Ohio*
Science & Technology Building, *Kent State University, Trumbull campus, Ohio*
South Branch High School, *Columbiana County, Ohio*
Campbell High School, *Campbell, Mahoning County, Ohio*
New NFL Stadium of the Cleveland Browns, *Cleveland, Ohio*
CSX Railroad Projects, *Ohio, Illinois, New York, Kentucky, Michigan*
Norfolk Southern Railroad Projects, *New York, Michigan, New Jersey*

Par Luthra, P.E.

Plumbing Engineer

Mr. Par Luthra has extensive experience in the design and development of complete HVAC systems and piping for commercial buildings, institutional and health care facilities. He has prepared concept sketches, preliminary planning and cost estimates, flow & instrumentation diagrams, construction documents, and specifications. He has reviewed vendor documents, performed bid evaluations, interfaced with other disciplines for quality and timely project completion, conducted field evaluation for modification of existing HVAC systems for various building types including control rooms, service buildings, equipment rooms, cafeterias, and health care institutions and he has supervised and checked design work of designers and draftsmen. Some recent major projects are as follows:

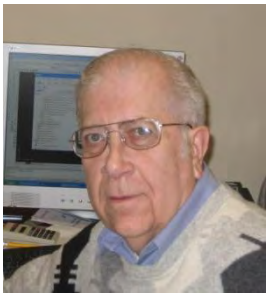
Relevant Experience:

Joint Force Headquarters, *Ohio Army National Guard (OANG), Columbus, Ohio (2010)*
Field Maintenance Facility, Bay Expansion, *OANG, Hamilton, Ohio (2008)*
Field Maintenance Facility, Bay Expansion, *OANG, North Canton, Ohio (2008)*
ODOT Maintenance Facility, *Springfield, Ohio (2009)*
Horizon Science Academy, High School, *Columbus, Ohio (2009/2010)*
Horizon Science Academy, High School, *Toledo, Ohio (2009/2010)*
Stow Armory Renovation, *OANG, Stow, Ohio (2003)*
Newark Armory Renovation, *OANG, Newark, Ohio (2002)*

4/C TECHINICAL STAFF / ARCHITECTURAL

Experience / ability of technical staff to develop quality construction documents

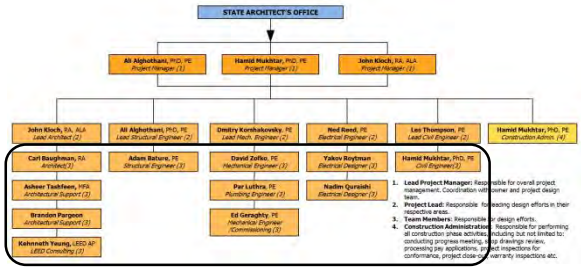
Cark Baughman, AIA
Senior Architect



Mr. Baughman has over 30 years of experience in design construction industry. During his career he has designed, managed and supervised a wide variety of projects that includes Commercial, institutional, Educations and Residential Buildings. Mr. Baughman has been a practicing Registered Architect for the past 25 years. He has been affiliated with NBBJ Inc., URS and others major firms. Mr. Baughman performed as Project Architect and/or specifications writer for projects including new buildings and renovations/additions to existing. His involvement on projects included project management through all phases of design and construction and is familiar with Public Agency procedures.

Relevant Experience:
Townshend Hall 1st Floor & 2nd Floor Renovations, *The Ohio State University, Columbus, Ohio (2007/08)*
Postle Hall Masonry Rehabilitation & Window Replacement, *The Ohio State University, (2006/07)*
Field Maintenance Facility, Bay Expansion, *OANG, Hamilton, Ohio (2008)*
Field Maintenance Facility, Bay Expansion, *OANG, North Canton, Ohio (2008)*
Veterans Affairs, Waiting Rooms, *Columbus, Ohio (2009)*
Veterans Affairs, Handicap Access, *Columbus, Ohio (2009)*
Veterans Affairs, Bathroom Expansion, *Columbus, Ohio (2009)*
Veterans Affairs, Fuel Tank Expansion, *Columbus, Ohio (2009)*
Horizon Science Academy, High School, *Columbus, Ohio (2009/2010)*
Horizon Science Academy, High School, *Toledo, Ohio (2009/2010)*
ODOT Maintenance Facility, *Springfield, Ohio (2009)*

OVERALL TECHNICAL STAFF



Star's technical staff has always developed quality construction documents. This claim can be verified by reviewing Star's track record with the State Architect's office and other State of Ohio Agencies where there are less than 1 percent Change Orders on our projects.

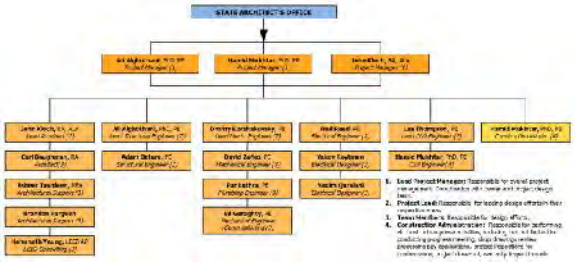
Star has the in-house capabilities to perform your projects. The proposed team has worked on several architectural design projects. The design documents are prepared with enough details to build a project with minimal RFI's issued. Each member of the Design Technical team coordinate their efforts to deliver documents that are complete, free from error and omissions and constructible.

4/D CONSTRUCTION ADMINISTRATION

Experience / ability of field representative to identify / solve issues during construction

Construction Administration will be performed by Mr. Mukhtar, who is also the assigned Project Manager. With that said, Dr. Alghothani and Mr. Kloch may also serve as project managers, and subsequently construction administrators, if multiple projects are assigned to Star Consultants, Inc.

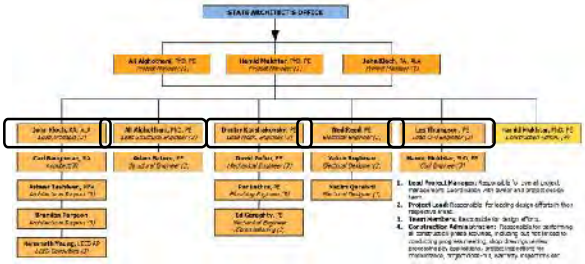
Mr. Mukhtar has performed Construction Administration services on State of Ohio Agencies projects. He has used State of Ohio General Conditions on all the projects and is very familiar with the requirements. He participates actively with the contractors to resolve field challenges to avoid them becoming issues. Due to his understanding of the process, previous projects were completed on time and within budget.



Construction Administration entails a major effort to ensure a successful implementation of the design. It is essential to assign an individual for this task who is familiar with general requirements and has a total understanding of the project design intent.

At Star, our philosophy is to maintain the same team all the way from project conception to completion. This enables us to carry the design intent into the construction phase of the project with a smooth transition between the different phases of the project. This continuity of staff helps resolve construction phase challenges immediately and allows for a smooth flow of work the project.

KEY DISCIPLINE LEADS



Star has an array of personnel in-house to work on your projects. The proposed team has completed several successful projects for various State of Ohio Agencies.

The overall project coordination among the team members and the State Architect's Office will be performed by Mr. Mukhtar (see resume & earlier section for experience).

The in-house, key discipline leads, Mr. Kloch (Architectural), Mr. Alghothani (Structural), Mr. Thompson (Civil), Mr. Korshakovsky (Mechanical), and Mr. Reed (Electrical), are all highly qualified individuals with many years of experience in their respective area. These individuals will be supported by other registered and non-registered professionals during the course of the project.

5. PROJECT TEAM QUALIFICATIONS

5/A PREVIOUS TEAM COLLABORATION

(Number of projects that a majority of the team members have worked together)

Ten projects where the proposed team collaborated are presented in Matrix "G" earlier. Additional projects where the majority of the team members have collaborated in the recent past are as follows:

Ohio Army National Guard, Field Maintenance Facility, Bay Expansion
Ohio Department of Rehabilitation and Correction, Oakwood Correctional Institution, Roof Replacement
Ohio Department of Rehabilitation and Correction, London Correctional Institution
Veterans Affairs Ambulatory Care Center Fuel Oil Tank Addition
Veterans Affairs Ambulatory Care Center Urology Rooms
Veterans Affairs Ambulatory Care Center 3rd Floor Office Expansion
Veterans Affairs Ambulatory Care Center 2nd Floor Office Expansion
Veterans Affairs Ambulatory Care Center Handicap Accessibility
ODOT Clark County Facility Rest Room Renovations
SJCF Roof Replacement
London Correctional Roof Replacement
City of Columbus, Woodward Recreational Center

5/B LEED EXPERIENCE WITHIN TEAM

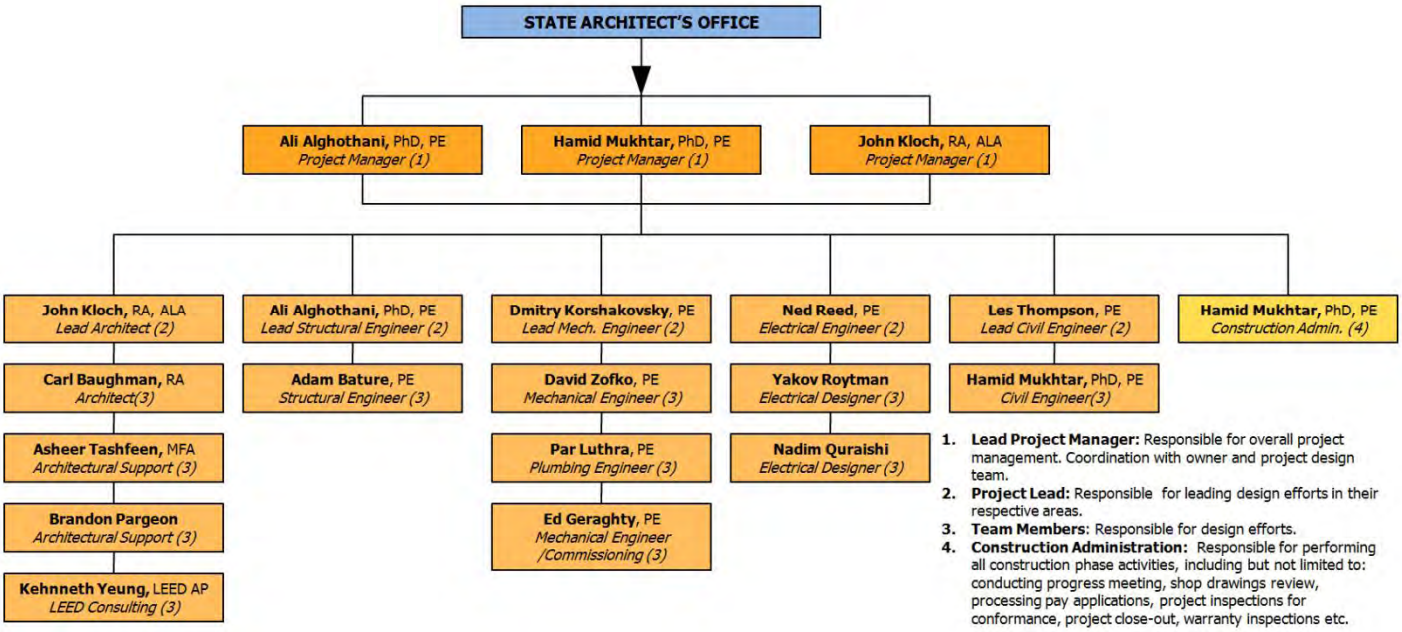
Star Consultants, Inc. recently completed the Joint Command Center Addition for the State Architect's Office and Adjutant General's Department. This project is to achieve LEED Silver status.

Kehnneth Yeung, a certified LEED Accredited Professional with Star Consultants, will provide guidance on sustainability and other conservation factors.

5/C TEAM ORGANIZATION

Clarity of responsibility / communication demonstrated by table of organization

Our proposed team's organizational chart is presented earlier in Item "D" & reiterated in this section for clarity. The responsibility of each team member is clearly demonstrated in the organizational chart.
Star's efforts on this project will be lead by Mr. Mukhtar as a Project Manager. Mr. Mukhtar will be responsible for coordinating all the project efforts among the design team and to communicate with the State Architect's Office. His efforts will be complimented by the remaining design team leads and professionals. Mr. Mukhtar will also be responsible for the Construction Administration phase of the project.



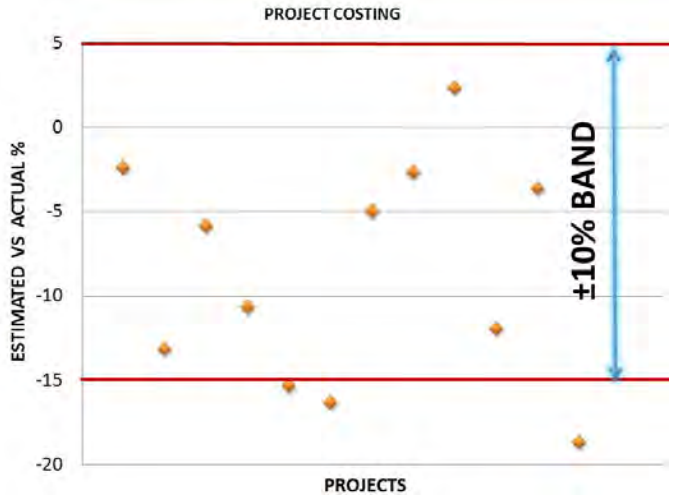
6. OVERALL PROJECT TEAM EXPERIENCE

6/A BUDGET & SCHEDULE MANAGEMENT

Performance in completing projects within original budget and schedule limitations

We pride ourselves for completing projects on time and within budget.

As can be seen, most of our projects have been bid out lower than the probable cost estimate. Still the projects have come in within 10% of that estimate.



Cost containment on any project is vital to the success of a design. Cost containment becomes even more vital in renovation projects where unknowns such as concealed conditions and non-availability of as-built documents increase the probability of encountering challenges that may translate into change orders during construction.

Star has a two prong strategy to contain cost and reduce change orders. The first strategy is to conduct a thorough preliminary field investigation at the project site. Second, a thorough review of as-built documents is conducted to explore all the possibilities that may cause any challenges during the construction phase and may lead to a change order. Star has been able to minimize change orders on projects to less than 1% of the construction costs.

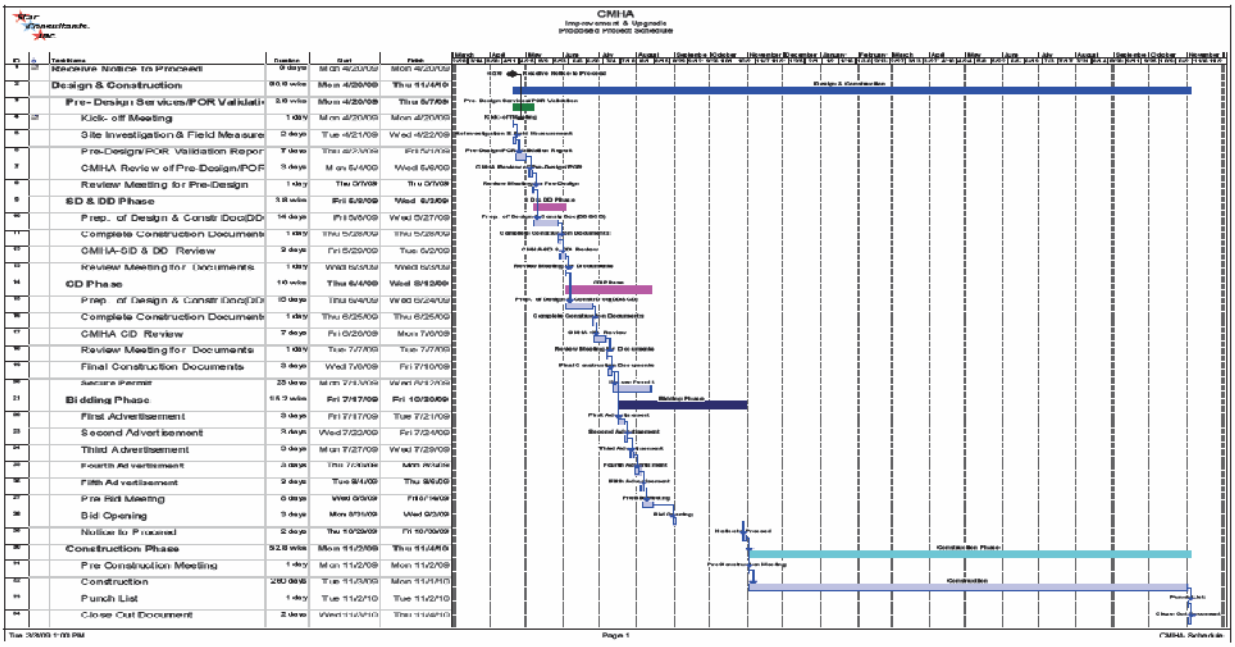
Star Consultants, Inc. has accumulated cost data on different projects including: architectural, structural, mechanical, electrical, civil and transportation projects. Our database is also supplemented with costing data compiled by other agencies such as "Means Costing Data". Combined uses of our in-house database and Means have enabled us in the past to predict project estimates very close to the actual results. Our estimates have always been with in the

project allowable variation (± 10%).

	Projects	Design Duration		Project Budget		%	E/O Change
		Proposed Months	Actual Months	Estimated $	Actual $	Diff	Orders $
A	Reroofing & Tucking Pointing	9	7	1,151,008	1,124,050	-2	0
B	Lorain Roof Renovation	3	3	2,392,501	2,114,289	-13	0
C	N. Canton FMS Bay Expansion	45 Days	45 Days	638,467	603,100	-6	0
D	Hamilton FMS Bay Expansion	45 Days	45 Days	574,809	519,477	-11	0
E	London Correctional Roof Renovation	2	2	710,643	616,237	-15	0
F	London Correctional Roof Renovation	2	2	1,468,254	1,176,200	-25	0
G	Horizon Sci Acad-Morse Rd, Columbus	3	3	2,210,000	2,105,000	-5	0
H	Horizon Sci Acad-Dayton Ohio	3	3	2,549,000	2,483,000	-3	0
I	Poindexter Village Renovation	9	6	2,100,000	2,150,000	2	0
J	ODOT Dist. 10 HVAC Upgrades	4	3	1,052,232	848,849	-24	0
K	Reed Hall Bolier Replacement	2	2	112,036	108,109	-4	0
L	Townhend Hall 1st Floor Renovation	2	2	543,821	438,829	-24	0

Design phase costs are also monitored by using a computerized cost control process that provides biweekly tabulations of actual hours and costs versus budget. The Project Manager controls overall costs by monitoring internal cost reports and subcontractor invoicing versus progress. Adjustments, if needed, are made by reallocation of manpower and other resources. Invoices for the project will be submitted monthly and will be supported by the monthly project report, CPM Design Schedule updated to show work performed for the month invoiced and supporting Line Item Breakdown data corresponding to the CPM schedule. It is clearly understood by Star Consultants, Inc. that the design team shall not exceed any Task Budget without formal written approval from the State Architect's Office. Further, the State Architect's Office will be notified when 80% of any Task Budget has been expended and indication provided to the State Architect's Office whether or not the task will be completed within the Task Budget.

Individuals assigned to participate in the project will be available to start immediately upon receiving the Notice to Proceed and we will devote their time and resources to their task to ensure completion within the specified time frame. The following is an example of a typical schedule prepared for a project.



6/B EXPERIECNCE WITH SAO CONSULTANT LIST PROJECTS IN THE PREVIOUS 24 MONTHS

National Guard, Joint Force Headquarters Addition

Columbus, Ohio

Scope of Project: This project consists of adding a new, underground, secured Facility for the Joint Command Center for Ohio Army National Guard.

- Architectural/ Structural Services: ADA Compliance, Space Programming, Floor Covering/Tile, Security Door & Windows. All force protection requirements were met on this Facility. Specific requirements for the facility are classified and cannot be revealed due to the nature of the Facility. Force protection requirements are met according to UFC 4-010. These requirements include security doors and windows, blast proof protections for the entire Facility.
- LEED / Sustainable Design: This facility was required to follow LEED NC guidelines, although the facility was not required to be certified a LEED Silver compliance level was required. In order to take advantage of sitting it was determined to lower the facility to match existing basement floor level and install a sod roof.
- Structural: spread and strip foundations, Reinforced Concrete shear walls.
- HVAC: New forced air heating and cooling system and air handling units. Variable Refrigerant flow heat pump system. All HVAC equipment specified was energy efficient.
- Electrical: New electric service, lighting, power panels, and backup power generation. New light fixtures specified were energy efficient.

Size: Classified Cost: $2,200,000

Bureau of Workers Compensation Tower, MEP Systems Assessment and Design

Downtown Columbus, Ohio

Scope: POR report was developed to evaluate feasibility of existing ice storage system. A life cycle analysis was performed for different options. Scope included: Replacement of chillers & pumps, Modifications to the existing pumps and piping, New condenser water storage tank addition, Control system upgrade, Associated electrical and structural work. Alternates were also provided.

Mechanical: The primary scope of work included the replacement of (4) original 750-ton nominal ton ice-making chillers rated at 460 tons in ice-making mode with (4) 640 ton centrifugal chillers and creating N+1 redundancy to provide uninterrupted cooling to data center. Conversion from ice-making system to chilled water system due to existing ice system being undersized. All HVAC equipment specified was energy efficient.

Electrical: All electrical systems were also evaluated to balance the loads on electric buses, single point failure analysis was conducted to upgrade the electrical system to N+1 (tier-2).

Structural: Elevated platforms, design of 3000 gallon steel tank, framing support for the tank, five (5) 750 ton chiller platforms.

Size: 1,000,000 Sq. Ft.

Cost: $2,500,000

SJCF Roof Replacement

Delaware, Ohio

Scope of Project: Renovation of approximately 230,000 sq. ft of roof area on multiple buildings. The existing roof system is relatively new (15 years). Deficiencies in the original design have caused the roof system to fail at numerous locations. The new design is considering modification to the roof structures and designing a system that will enhance the overall ecstatic and free flow of run-off from these structures. Star is in process of evaluating the roof and developing a program for the project to fit the budget. The target is to specify systems that can last a minimum of 20 years. Along with roof replacement, other components of the roofing system are also being evaluated and scoped for replacement. Sustainability of design was a major factor in the new design replacement.

- Architectural/Structural: Roof evaluation/ surveys/ replacement, Roof framing design, Roof system design, Construction documents, construction administration.

Size: 100,000 Square Feet Cost: $ 2,140,000

6/C PAST PERFORMANCE

Star Consultants, Inc. has a proven record of developing and administering fast track projects. Star has successfully managed and completed several fast track projects for the State Architect's Office and other State of Ohio Agencies.

Star has always met our client's needs and we strongly encourage the State Architect's Office to contact our client list to verify our claims. Our associates zealously follow the same standards during the construction phase of projects and expedite our reviews and comment on contractor submittals/work to maintain an effective schedule for work. Our project managers are responsible for not only the design phase; they are also assigned to complete a project from start to completion. This methodology has worked and is greatly appreciated by our clients since designers are also involved and directly supervise the work of contractors. By assigning one project manager for both design and construction phases of a project, Star has been able to provide immediate solutions to field issues that might arise during the

construction and thus avoid any construction delays.

We have included some of the recommendation letters from our clients. Please feel free to call them and check our references. If more client references are required, please don't hesitate to ask us.

April 20, 2009

Director of Installation, Management
and Resources

Hamid Muktar, Ph.D., P.E.
President, Star Consultants
1910 Bethel Road
Columbus, Ohio 43220

Dear Dr. Mukhtar,

On behalf of the Ohio National Guard, and the Directorate of Installation Management and Resources ; I want to personally thank you and your engineer team at Star Consultants for a job well done in reference to your design and construction management of both the Hamilton Facilities Maintenance Shop, (FMS 11) and the Green Road (FMS 6) drive-through maintenance bay additions. These two (2) bay additions were designed, estimated, bid and built within budget to include all bid alternates. Both bay additions were completed one week ahead of schedule and also under budget. The Military Construction Branch Chief, Lieutenant Colonel Greg Rogers, and the Project Officer, Bill Taylor; stated that your team was always approachable and responded in a timely matter on all 'Request for Information' issues throughout the course of design and construction. Your team received praise from both the Contractor, and the Shop Chief at FMS 11; First Sergeant Fee.

Take pride in the fact that these two facilities will serve the soldiers of the Ohio Army National Guard for generations to come. The facilities will be used to prepare soldiers and equipment in support of our nation's wars and response to natural disasters. Your efforts have a direct effect on those missions. Well done!

Sincerely,

Jack E. Lee
Brigadier General
Director of Installation,
Management and Resources

February 11, 2004

Mr. Hamid Mukhtar
Star Consultants, Inc.
1910 Bethel Road
Columbus, Ohio 43220

Re: Recommendation Letter

Dear Mr. Mukhtar:

It is our pleasure to provide this recommendation letter to your firm for the work performed by Star Consultants, over the years for Columbus Metropolitan Housing Authority.

Star consultants, Inc, has worked on several renovation projects for CMHA over the years. They have always work diligently and provided services that were of high professional standards. All designs were completed to meet CMHA's deadline to obligate the funds.

Star has provided design and construction administration services for both interior and exterior design projects on a very short notice and always meets the requirements of CMHA. They have always paid great attention to details during design phases and continued the same zealous during the construction phases.

Construction documents prepared by Star were detailed and understood by the contractors in the field, thus avoiding costly change orders.

Star has always responded to the needs of CMHA on a timely bases and always protected the interests of CMHA with contractors.

Sincerely,

Nasrat Soliman
Director of Capital Improvements

NS/maw

880 East 11th Avenue • Columbus, Ohio 43211 • Ph. (614) 421-5000

GULF REGION CENTRAL DISTRICT

Certificate of Appreciation

Is Presented To

CARL F. BAUGHMAN

MR. CARL BAUGHMAN IS RECOGNIZED FOR EXCEPTIONAL MERITORIOUS SUPPORT TO THE U.S. ARMY CORPS OF ENGINEERS GULF REGION DIVISION CENTRAL DISTRICT AS A PROJECT MANAGER. HE WAS ASSIGNED TO WORK ON IRRF FUNDED PROJECTS BEING BUILT BY PARSONS, INCLUDING 37 NEW PUBLIC HEALTH CLINICS (PHCS) AND 5 AREA HOSPITALS WITHIN GRC. MR. BAUGHMAN MONITORED PROJECT PROGRESS, PARTICIPATED IN PROJECT STATUS REVIEW MEETINGS, AND QUESTIONED CERTAIN DESIGN DIRECTIVES. HE COORDINATED WITH THE RESIDENT OFFICES REGARDING QUALITY AND STATUS OF THE WORK EFFORT AND PARTICIPATED IN THE EFFORTS TO PROCESS CONTRACT MODS ON SEVERAL OF THE HOSPITAL PROJECTS. WHEN THESE PROJECTS ARE COMPLETED, THE WORK FOR THE PHC'S WILL EXCEED $40 MILLION DOLLARS AND THE WORK FOR HOSPITAL RENOVATION WILL EXCEED $17 MILLION DOLLARS. IN EVERY RESPECT, YOUR EXEMPLARY PERFORMANCE REFLECTS GREAT CREDIT UPON YOURSELF, THE U.S. ARMY CORPS OF ENGINEERS, AND THE UNITED STATES ARMY.

PETER J. ROWAN
COL, EN
COMMANDING

US Army Corps
of Engineers ®

STATE OF OHIO
ADJUTANT GENERAL'S DEPARTMENT
OFFICE OF THE QUARTERMASTER GENERAL
2825 West Dublin Granville Road
Columbus, Ohio 43235-2789

January 22, 2004

Office of the
Quartermaster General

Mr. Hamid Mukhtar
Star Consultants Inc.
1910 Bethel Road
Columbus, Ohio 43220

Dear Hamid:

I am pleased to provide you and your firm this letter of recommendation in consideration of the outstanding work that Star Consultants Inc. has performed over the years for the Adjutant General's Department.

I have been working with Star Consultants since 1998 and they have provided Professional Architectural and Engineering Services for this agency on many projects. They have performed design and construction administration services for Building Interior and Exterior Renovations, Heating System Upgrades/Replacements, Plumbing and Kitchen Upgrades/Remodeling, Window and Door replacements, Electrical Renovations and Paving Rehabilitation Projects at several Ohio National Guard Armory sites throughout the State.

On these projects Star Consultants has responded to our needs on very short notice. They provided whatever assistance we requested. Their firm was very prompt with providing drawings and project documents and paid very close attention to our needs. Star Consultants Inc. followed through on their commitment to monitor all of the projects, as well as complete them and furnish us with all of the proper close out documents.

Star Consultants has never failed to respond to any problem at the project site and their attention to detail was excellent. Their ability to work with and oversee several different contractors made my work considerably easier. Their staff members have distinguished themselves as a knowledgeable, reliable, responsible and a very supportive group.

Hamid, I appreciate all of your efforts and I am looking forward to the next opportunity and project that we will be working on together in the future.

Sincerely,

James H. Penn
Project Coordinator

Performance Evaluation

Representatives Name: Murat Arabaci

Date 8/20/2010 Project No. 08005 Project Name HAS – Gymnasium, Cafeteria, & Classroom Addition

Service(s) Rated: (check all that apply) ■ Project Services ☐ Capital Planning ☐ Energy ☐ Program Services

Please rate the effectiveness of STAR Consultants, Inc. performance on the capital improvement project across the following dimensions:

Evaluation Criteria: 0 = N/A 1 = Low 5 = Moderate 10 = High

Performance Dimensions:		Value	Score
1) Expertise, knowledge and experience	Provided experienced & qualified staff for projects	0-10	10
2) Problem solving and decision making	Effective problem solving and fair decision making	0-10	10
3) Timeliness and responsiveness	Performed responsibilities in a timely manner	0-10	10
4) Process facilitation, communication & partnering	Facilitated process with clear communication	0-10	10
5) Scope management	Identified, tracked & managed changes in scope	0-10	10
6) Schedule management	Effectively managed project schedule	0-10	10
7) Budget management	Valuable leadership managing project to budget	0-10	10
8) Quality management	Ensured quality design & construction thru QA/QC	0-10	10
9) Risk management	Thorough guidance & action in managing risk	0-10	10
10) Overall project management	Delivered effective management for project	0-10	10
	Total	0-100	100

Please rate the effectiveness of STAR Consultants, Inc. processes and documents in facilitating the planning, design and construction of public facilities across the following factors:

Evaluation Factors:		Value	Score
1) Thoroughness, depth/breadth	Covers all aspects of design/construction in Ohio	0-10	10
2) Promoting problem solving	Facilitates problem solving by team members	0-10	10
3) Responsive to project needs	Addresses all types & sizes of projects	0-10	10
4) Facilitating communication & partnering	Encourages partnering & open communication	0-10	10
5) Scope development, change management	Addresses programming & manages change	0-10	10
6) Supporting schedule management	Promotes active management of schedule	0-10	10
7) Sponsoring budget/fiscal management	Sponsors budget management/fiscal responsibility	0-10	10
8) Assuring quality	Incorporates best practices to ensure quality	0-10	10
9) Balancing & managing risk	Assists in managing & balancing risk btwn. parties	0-10	10
10) Overall effectiveness of processes/documents	Developed effective processes & stnd. documents	0-10	10
	Total	0-100	100

Please provide any comments regarding STAR Consultants, Inc. project administration performance or the quality of its processes and documents.

Comments:

Star Consultants, Inc has been performing Horizon Science Academy Capital Improvement projects since 2004 in the State of Ohio in particular in the Cities of (Cleveland, Columbus, Cincinnati, Dayton, Toledo, and Lorain) with multiple projects in each City. Over theses years, Star Consultants, Inc demonstrated solid records of developing and administering fast track projects. We are pleased with Star Consultants efforts, and will consider using their professional services on all of our future projects.

Name (optional) Murat Arabaci Telephone Number (optional) (224-805-9093

Stakeholder Group: (self representative) ■ Owner ☐ Architect/Engineer ☐ Contractor ☐ Public/Other

Performance Evaluation

Representatives Name: Murat Arabaci

Date 8/20/2010 Project No. 09031 Project Name HAS – 2600 Sylvania Ave., Toledo, Ohio

Service(s) Rated: (check all that apply) ■ Project Services ☐ Capital Planning ☐ Energy ☐ Program Services

Please rate the effectiveness of STAR Consultants, Inc. performance on the capital improvement project across the following dimensions:

Evaluation Criteria: 0 = N/A 1 = Low 5 = Moderate 10 = High

Performance Dimensions:		Value	Score
1) Expertise, knowledge and experience	Provided experienced & qualified staff for projects	0-10	10
2) Problem solving and decision making	Effective problem solving and fair decision making	0-10	10
3) Timeliness and responsiveness	Performed responsibilities in a timely manner	0-10	10
4) Process facilitation, communication & partnering	Facilitated process with clear communication	0-10	10
5) Scope management	Identified, tracked & managed changes in scope	0-10	10
6) Schedule management	Effectively managed project schedule	0-10	10
7) Budget management	Valuable leadership managing project to budget	0-10	10
8) Quality management	Ensured quality design & construction thru QA/QC	0-10	10
9) Risk management	Thorough guidance & action in managing risk	0-10	10
10) Overall project management	Delivered effective management for project	0-10	10
	Total	0-100	100

Please rate the effectiveness of STAR Consultants, Inc. processes and documents in facilitating the planning, design and construction of public facilities across the following factors:

Evaluation Factors:		Value	Score
1) Thoroughness, depth/breadth	Covers all aspects of design/construction in Ohio	0-10	10
2) Promoting problem solving	Facilitates problem solving by team members	0-10	10
3) Responsive to project needs	Addresses all types & sizes of projects	0-10	10
4) Facilitating communication & partnering	Encourages partnering & open communication	0-10	10
5) Scope development, change management	Addresses programming & manages change	0-10	10
6) Supporting schedule management	Promotes active management of schedule	0-10	10
7) Sponsoring budget/fiscal management	Sponsors budget management/fiscal responsibility	0-10	10
8) Assuring quality	Incorporates best practices to ensure quality	0-10	10
9) Balancing & managing risk	Assists in managing & balancing risk btwn. parties	0-10	10
10) Overall effectiveness of processes/documents	Developed effective processes & stnd. documents	0-10	10
	Total	0-100	100

Please provide any comments regarding STAR Consultants, Inc. project administration performance or the quality of its processes and documents.

Comments:

Star Consultants, Inc has been performing Horizon Science Academy Capital Improvement projects since 2004 in the State of Ohio in particular in the Cities of (Cleveland, Columbus, Cincinnati, Dayton, Toledo, and Lorain) with multiple projects in each City. Over theses years, Star Consultants, Inc demonstrated solid records of developing and administering fast track projects. We are pleased with Star Consultants efforts, and have contracted their services on additional projects we are perusing currently.

Name (optional) Murat Arabaci Telephone Number (optional) (224-805-9093

Stakeholder Group: (self representative) ■ Owner ☐ Architect/Engineer ☐ Contractor ☐ Public/Other

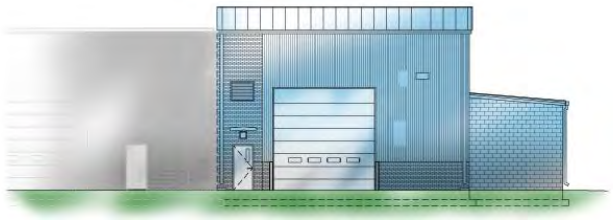
6/D KNOWLEDGE OF STATE OF OHIO CAPITAL PROJECT ADMINISTRATION PROCESS

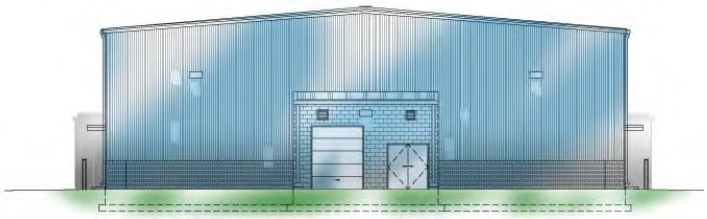
Our team has a full knowledge and understanding of the State of Ohio Capital Project Administration Process. Over the years Star has designed numerous projects where the Ohio Capital Project Administration Process was utilized. Our associates have kept pace with the changing technology and are trained on OAKS CI system. There are several projects that Star is working on are on OAKS CI Following is a list of either completed or ongoing projects that follow the State of Ohio Capital Project Administration Process.

1. Camp Perry Electrical Power System Upgrades, Adjutant Generals Department (2010)
2. Joint Command Center, Adjutant Generals Department/State Architect's Office (2010)
3. Various Parking Lots Rehabilitation. Adjutant Generals Office (2010)
4. BWC Tower, Downtown Columbus, HVAC Renovations, State Architect's Office (2010)
5. ODOT Dist-10 HVAC Upgardes, State Architect's Office (2009).
6. Lorain Correctional Institution Roof Renovation, ODRC/State Architect's Office (2009)
7. London Correctional Institution Roof Renovation, ODRC/State Architect's Office (2010)
8. Marion Correctional Institution, Masonry Restoration/Structural Repairs, ODRC (2009)
9. Oakwood Correctional Institution, Roof Replacement, ODRC (2010)
10. SJCF Roof Replacement, Ohio Department of Youth Services/State Architect's Office (2010)
11. FMS-Bay Expansion, North Canton, Ohio, State Architect's Office (2009)
12. FMS-Bay Expansion, Hamilton, Ohio , State Architect's Office (2009)
13. Paving & Concrete Repairs, North Central State University & Ohio State University, Mansfield Campus, State Architects, Office (2010)
14. Warren Correctional Institution, Sanitary Lines Upgrades, Ohio Department of Rehabilitation & Corrections (2010
15. Townshend Hall, 2nd floor renovations, Ohio State University (2009)
16. Weigh Scales, Renovation, throughout the state, Ohio Department of Public Safety 2010).

7. RELEVANT EXPERIENCE

Field Maintenance Facility, Bay Expansion, North Canton, Ohio ADJ-080003
Expansion of an existing facility by adding a prototypical pre-engineered steel building approximately 3,300 sq. ft. Project included Site and Building Evaluation/design, HVAC systems, Lube systems, Electrical Design. Estimation, Construction Documents, Bidding, Construction Administration and Project Close-out.
Architectural and Structural: Architectural and structural design
HVAC: Air handling units, Makeup air systems, CO detection system, Infrared Heaters, In-duct furnace and associated plumbing and DDC Controls.
Plumbing systems: Domestic hot and cold water, new lube system, compressed air system
Electrical: New electric service, service entrance cables and power panels.
Size: 3,300 Square Feet Cost: $750,000





Field Maintenance Facility, Bay Expansion, Hamilton, Ohio ADJ-080002
Expansion of an existing facility by adding a prototypical pre-engineered steel building approximately 3,300 sq. ft. Project included Site and Building Evaluation/design, HVAC systems, Lube systems, Electrical Design. Estimation, Construction Documents, Bidding, Construction Administration and Project Close-out.

Architectural and Structural: Architectural and structural design.
HVAC: Air handling units, Makeup air systems, CO detection system, Infrared Heaters, In-duct furnace and associated plumbing and DDC Controls.
Plumbing systems: Domestic hot and cold water, new lube system, compressed air system
Electrical: New electric service, service entrance cables and power panels.
Site work, new covered vehicle wash rack (designed by Mr. Leslie Thompson while at a different entity).

CMHA Post Oak Station, Columbus, Ohio

The project consisted of exterior work including the removal of existing siding and replacement with new vinyl siding, removal of existing gutters and downspouts, removal of the existing roof edge shingles, sheeting and fascia boards on all residential buildings to extend the roof overhangs at their present slope. Interior work included the removal of existing toilets and replacement with new water saving toilets, removal and replacement of bath room VCT flooring as well as the removal and replacement of sub-flooring. Scope of work included Structural, Electrical, Plumbing and HVAC upgrades. ADA regulations were followed for the handicap accessible units.

Size: 27 Buildings/ 142 units Cost: $1,100,000

Zanesville High School, Zanesville, Ohio

The scope of this project included the renovation of two new buildings –two and three stories for a total of (90,000 SF) with an NCAA Gymnasium. Architectural/Structural: the entire structural design and roofing system. The structure framing is a Flexicore slab, steel girders and columns, masonry shear walls construction, spread, strip, and mat foundations. The roofing system is a Precast Flexicore slab with EPDM roofing on one building and long span joist system with metal deck and roofing system.

Size: 90,000 Square Feet Cost: $25,583,000

Horizon Science Academy High School, Columbus, Ohio

This project was essentially the complete renovation/conversion of a building into a school facility. The existing building was completely gutted out and redesigned.

Architectural/Structural: interior design and space planning, new doors, wall and floor coverings, fire separations, ADA restrooms and new roofing system. Mechanical: complete HVAC systems design and controls. We designed the installation of 23 new roof top units.

Plumbing: new piping for domestic hot & cold water, sanitary & vent piping, fixtures & toilet partitions.

Electrical: New secondary service, power distribution, interior lighting, lighting controls and fire alarm systems were provided. Also provided were the intensive communication cable system, server and server room equipment layout and outlets, wiring, and UPS system.

Size: 40,000 Square Feet Cost: $1,200,000

Interior Office Renovation, Columbus, Ohio

This project encompassed architectural and engineering services for the interior renovation of an existing police station.

Architectural/Structural: interior design and space planning, new doors, wall and floor coverings, fire separations, ADA restrooms and new exercise room in the existing garage area.

Mechanical: the complete HVAC systems design and controls,

Plumbing: new piping for domestic hot & cold water, sanitary & vents piping, fixtures & toilet partitions.

Electrical: new secondary electric service, power distribution, interior lighting, lighting controls and fire alarm system,

Size: 3,110 Square Feet Cost: $210,230

Contact: Mr. Berry Brian, Contract Officer (614) 645-7606

NCS College Parking Lot Rehabilitations, Mansfield/Shelby, Ohio

This project was undertaken to rehabilitate the existing parking lots at the Mansfield and Shelby campuses of North Central State (NCS) College. Existing concrete curbs were replaced with new where warranted. Maintenance of traffic plans was developed to allow uninterrupted use of the parking facilities during the construction phase. The project also included the installation of a new precast sign equipped with electronic message boards. The scope of work for project included field survey, pavement evaluation and design, drainage design, curb replacement, geotechnical investigation, electronic message sign installation, maintenance of traffic scheme, cost estimates, schematic plans, preparation of construction documents, and construction administration.

Cost: $1,300,000

Clark State Community College, Springfield, Ohio

This project was the renovations of classrooms, presentation rooms, library, offices, café and student activity areas of an existing college instructional facility. Electrical: new electric service and power panels, back-up generation, uninterruptible power supplies, power distribution, interior lighting, emergency egress lighting, exterior lighting, area lighting and telecom and data system. Also provided was a Fire Alarm System including detection, notification and monitoring of fire pump and stand-by generator. Access control system integrating internet access, card readers, CCTV cameras and video recorders were also provided.

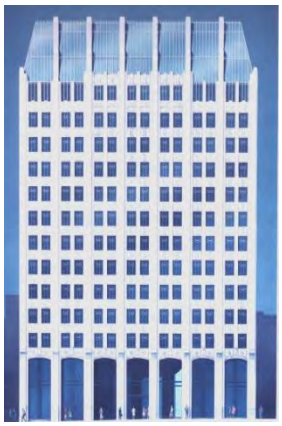
Size: 55,000 Square Feet Cost: $13,080,000

Macy's Regency Square, Richmond, Virginia

Star upgraded the existing MEP systems such as packaged Rooftop Units, Air Handlers, Air Cooled Chillers, piping modifications and all associated work. Wall and ceiling design to facilitate installation of new HVAC equipment. New electrical panelboards, and all Electrical work associated with the equipment.

Size: 500,000 Square Feet Cost: $2,500,000

Contact: Mrs. Lizz Demott, (770) 913-4858



Building (5/3 Bank), Downtown, Columbus, Ohio

This project involved the assessment and evaluation of the existing eight story building (Beggs Building). We extended the existing structure to sixteen stories (presently called 5/3 Bank).

Structural: entire structure including concrete slab composite deck, structural framing and bracing, rigid frames, spread foundations, and foundations on groups of piles. Also provided was the evaluation of existing structural steel, foundation, façade and glazing.

Size: 157,000 Square Feet Cost: $8,120,000

Ohio Army National Guard Armory Renovation, Kettering, Ohio

This project was undertaken to renovate and upgrade the existing armory which was constructed in early 1970's.

Architectural/Structural: ADA compliance, space relocation, structural evaluation and repairs, floor covering/tile, ceiling replacement, doors & windows. The new kitchen facility included equipment, ventilation, walls & floor covering and a food service line.

Plumbing: There was new piping (domestic hot water, cold water, sanitary pipes, and vents), fixtures, toilet partitions, floor/walls ceramic tiles.

Mechanical: New HVAC was designed for the restrooms and kitchen.

Electrical: new electric service, and panels.

Size: 20,000 Square Feet Cost: $500,000

Contact: Mr. Jim Park/James Penn (614) 336-7307

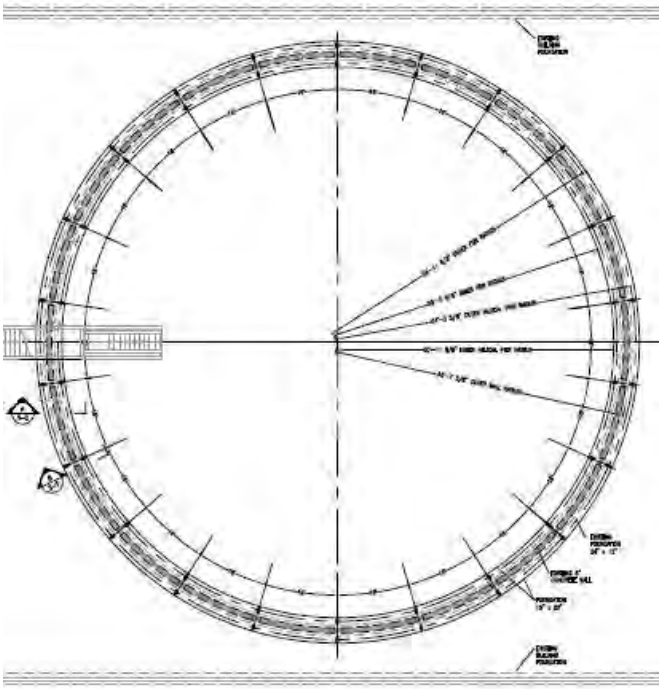
Foundation & Retaining concrete walls Reinforcing for a Mega Farm, Gill Livestock & Farms (2008), London, Ohio

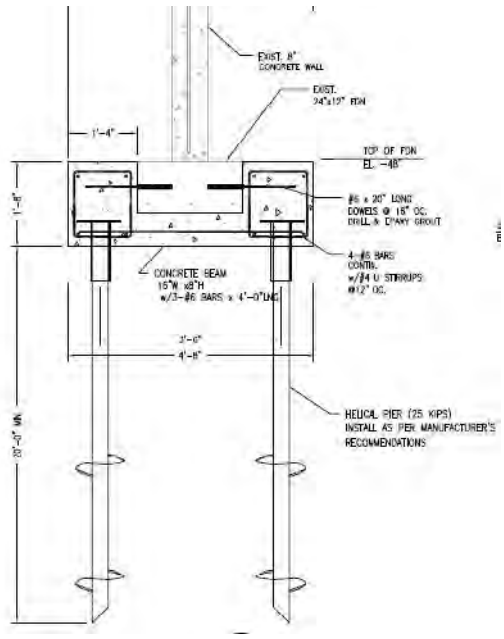
This project consisted of an extensive amount of foundation and retaining concrete wall reinforcing for a two story building with 73,200 S.F.

Cost: $210,000

Foundation Reinforcing & Repair, Van Duerzen Dairy Farm, Delaval Rota-Tech 100 Bail Parlor (2008), Delaware, Ohio

This project consisted of an extensive amount of Helical Piles (25 Kips) were used to reinforce and prevent further foundation settlement of a 650,000 lbs rotating platform





Cost: $101,000

8. QUALITY ASSURANCE PROGRAM

Star Consultants, Inc. is recognized for its technical excellence and the timely performance of complex and challenging architectural & engineering services. This success is attributable to our internal quality system of detailed checking and reviews of our work products prior to transmittal to the client. These processes are formalized in a documented, systematic and verifiable Quality Assurance Program.

The essence of performing quality design is the efficient performance of services in conformance with client requirements. To do this requires a commitment to quality performance by all personnel assigned to the project at all times. All work is checked by the individual preparing it before passing it to another person. Adherence to this principal results in minimal corrections at the end of the project as part of the final Quality Assurance Review.

Star Consultants, Inc. Quality Assurance Program is the same for each project we undertake. This standardization eliminates the need to retrain personnel from project to project. It also provides uniform processes throughout the company, which enables multiple disciplines to support any project effort.

Central to the attainment of quality is the control of and participation in the quality processes by the Project Manager. We assert that the success of every project hinges on the ability of the Project Manager to get timely, fiscally responsible, and technically accurate input from their staff. Our Project Manager, Mr. Mukhtar, will be responsible for communication and coordination between the State Architect's Office and Star Consultants, Inc. He has prior experience working with Public Agencies and has been involved with design, cost analysis, construction and maintenance issues on previous similar projects. He also has the specific experience of renovation and rehabilitation with extensive project management and hands on experience. His experience includes field surveys through construction administration on a variety of project types with costs in the multi-million dollar range.

Each member of the design team including sub-consultant personnel will be sensitized to the importance of producing correct and accurate deliverables at every stage of the project. While final checking of contract documents is important, it is more important that every team member strive to produce error free materials before they are released to others for use in the progress of the project. A key project management function is the constant verification that this philosophy is consistently and universally applied.

To accomplish this goal, six (6) major elements of our design Quality Assurance Program system must be addressed:

A. PLANNING
B. CHECKING
C. REVIEW
D. PROJECT MANAGEMENT REVIEW
E. AUDIT
F. COORDINATION BETWEEN DESIGN AND CONSTRUCTION ADMINISTRATION STAFF

It is essential for the assigned associate during the construction phase to be aware of the design philosophy and methodology to supervise the construction phase of the project. With this in mind, Star Consultants, Inc. always assigns the design-phase project manager for the construction phase of the project. We assure the the State Architect's Office that if selected for the project, the Project Manager assigned to the project will be responsible for both design and construction phases of the project. He will be the only contact with the State Architect's Office during the design and construction phases of a project.

9. PROJECT OPERATION PLAN

Star Consultants, Inc. program for quality design begins by establishing at the outset of a project a specific design development plan called the Project Operations Plan. The basic objective of the Project Operations Plan is to provide to all team members the guidance that will result in conformance to the established requirements the first time. The Project Operations Plan will be developed in detail for the project within the first two weeks of notice to proceed. Relevant information contained in the RFP, proposal, contract, and information obtained during the site evaluation will be incorporated into the Project Operations Plan. The Project Operations Plan will be updated as additional requirements and information are determined for the project. Star's Project Operations Plan is an integral part of the Quality Assurance Plan. Ensuing are the salient features of Star's operation plan.

A. DESIGN SCHEDULE
B. SUBMITTALS/CORRESPONDENCE/PROJECT FILES
C. COMMUNICATIONS
D. FILING SYSTEM
E. MEETINGS/SITE VISITS
F. PROGRESS REPORTS
G. BUDGET REPORT
H. COST CONTROL
I. DESIGN PROCESS

Our team will design the project after evaluating the State Architect's Office requirements, site evaluation/conditions and the project budget. All the design activities will be performed as would be out lined in the Project Operation Plan. The flow of the design process shall be as follows:

1. Preliminary/Investigation/POR Development Phase

a. Design team will discuss, develop, and arrive at a mutual understanding of the project program and requirements with the State Architect's Office. This task will be a result of extensive site investigation that will result in development of a Program of Requirement (POR). Preliminary cost estimates will also be presented with each recommendation in the POR.
b. Design team will review with the State Architect's Office alternative approaches to design and construction of the project within the budget.
c. Design team will prepare for the State Architect's Office's review and approval schematic design documents and outline specifications.
d. Design team will provide the State Architect's Office with a preliminary construction cost estimate for the schematic design for review.
e. Design team will provide one presentation to the State Architect's Office to discuss the schematic design documents and address all comments, concerns, and issues.

2. Design Phase

a. Based on the approved schematic design, we will prepare and submit for the State Architect's Office's review and approval, the design development documents and the project construction specifications.
b. We will submit a detailed cost estimate for the design development documents.
c. Design submitted should be within the allocated budget.
d. If the estimated cost does not meet the construction budget, we will revise the design documents to meet the budget without any additional cost to the State Architect's Office.

3. Construction Document Phase

a. Based on the approved design documents, we will prepare and submit for the State Architect's Office's review and approval, construction/bidding documents of drawings and specifications.
b. We will submit required number of copies for review and approval.
c. We will certify that the contract/construction documents will conform to all applicable laws, codes, ordinances, and regulations.
d. We will certify that the contract/construction documents are free from errors and omissions.
e. We will prepare the construction documents, send copy(s) for concerned agencies approval for permits, make necessary corrections/changes as per permit requirement and prepare final documents for bidding.

4. Bidding Phase

a. We will assist the State Architect's Office in conducting pre-bid conferences with prospective bidders.
b. We will assist the State Architect's Office in responding to questions from bidders.
c. We will be responsible for issuing addenda and clarifications as needed in the bidding phase.
d. We will attend the bid opening, and assist the State Architect's Office in bid analysis and contract award recommendations

5. Construction Phase

a. We will visit the site at intervals, at least once a week or as agreed upon, and as needed, to become familiar with the progress and quality of the work under construction and to be able to determine if the work is being performed in accordance with construction documents.
b. We will review and certify the amounts on the contractors' pay request and change orders.
c. We will review and approve submittal, products, and samples.
d. Issue written interpretation and clarification to contractors with the assistance of the State Architect's Office.
e. Provide written recommendations regarding claim disputes or other matters in question between the State Architect's Office and the contractor.
f. Attend weekly site meetings and any additional meetings as needed.
g. Provide the State Architect's Office with recommendations and advise on matters related to the project.
h. Work with the State Architect's Office as needed to ensure quality of work and progress.

6. Post Construction

a. Participate in the completion of the project closeout documents.
b. Provide final as-built drawings on CD and one Mylar copy.
c. Participate with the State Architect's Office and the contractor in the 6 and 11- month post construction inspection.

10. CLOSING STATEMENT

Star Consultants, Inc. approaches each project with the goal of striving to identify solutions, which incorporate design parameters within the budgetary restraints established by the Client. We feel the success of any project is measured by the following three factors:

- Effective communication between the design team and the client.
- The Design team's knowledge of current regulatory and technological components of construction.
- The Design/Assessment team's ability to assemble a responsive and definite package of construction

documentation with attentive construction administration.

Our project list identifies our team's project experience. This background of work experience provides us with the necessary knowledge, skills, and ability to develop responsive and comprehensive solutions, with the ability to manage the work effectively. We believe the success of a project depends on the competence and professionalism of the individuals involved and their ability to manage the project effectively and efficiently. The team we have assembled has had previous experience in all disciplines required for this project and is familiar with processing public type projects. Each staff member is not only skilled in his/her specific professional discipline, but possesses the managerial ability to execute the work efficiently. To this extent we are confident that the team of Star Consultants, Inc. will provide the services to insure a successful project.

. ADDITIONAL INFORMATION

STATEMENT OF QUALIFICATIONS

1. PROJECT NUMBER *(If any)*
DAS-11F888

PART II – GENERAL QUALIFICATIONS

2a. FIRM (OR BRANCH OFFICE) NAME *Star Consultants, Inc.*				3. YR ESTABLISHED 1997	4. FTID NUMBER [redacted]
2b. STREET 1910 Crown Park Court				5. OWNERSHIP a. TYPE Corporation	
2c. CITY Columbus	2d. STATE Ohio	2e. ZIP CODE 43235	2f. COUNTY Franklin	b. EDGE STATUS Certified EDGE, DBE, MBE, 8(a)	
6a. POINT OF CONTACT NAME AND TITLE Ali Alghothani, PhD, PE, Vice President		6b. PRESIDENT/CEO Hamid Mukhtar, PhD, PE		7. NAME OF FIRM *(If Block 2a is a branch office.)*	
6c. TELEPHONE NUMBER 614 538 8445		6d. E-MAIL ADDRESS star@starconsultants.org			
8a. FORMER FIRM NAME(S) *(If any)*				8b. YR ESTABLISHED	8c. FTID NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) LICENSED	c. No. of Employees (2) NON-LICENSED
02	Administrative		
06	Architect	2	2
08	CADD Technician		3
12	Civil Engineer	2	
21	Electrical Engineer	1	2
32	Hydraulic Engineer		
42	Mechanical Engineer	3	
47	Landscape Architect	1	
27	Foundation/Geotech. Engineer		
57	Structural Engineer	2	
	Interior Designer		1
	Other Employees		
	Total	11	7

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
E02	Educational Facilities: Classrooms	6
E03	Electrical Studies and Design	4
F03	Fire Protection	3
G01	Vehicles Maintenance Facilities	3
H04	Heating; Ventilating; Air Conditioning	5
H07	Highways; Streets; Parking Lots	3
H11	Housing *(Residential)*	3
L05	Lighting *(Interior; Display; etc.)*	
L06	Lighting *(Exteriors; Streets etc.)*	2
O01	Office Buildings; Industrial Parks	3
P07	Plumbing and Piping Design	4
R06	Rehabilitation *(Buildings; Structures)*	8
R12	Roofing	4
S05	Soils and Geo. Studies, Foundations	
S09	Structural Design; Special Structures	4

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 2 YEARS
(Insert revenue index number shown at right)

a. Work for this Contracting Authority	5
b. Other State Work *(see instructions)*	11
c. Total State Work	12

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $50,000	6. $400,000 to less than $500,000	11. $900,000 to less than $1,000,000
2. $50,000 to less than $100,000	7. $500,000 to less than $600,000	12. $1,000,000 to less than $2,000,000
3. $100,000 to less than $200,000	8. $600,000 to less than $700,000	13. $2,000,000 to less than $5,000,000
4. $200,000 to less than $300,000	9. $700,000 to less than $800,000	14. $5,000,000 to less than $10,000,00
5. $300,000 to less than $400,000	10. $800,000 to less than $900,000	15. $10,000,000 or greater

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE	b. DATE April 17, 2011
c. NAME AND TITLE Hamid Mukhtar, PhD, PE, President	

Provide a separate Part II form for each firm or branch office participating on the proposed project team.