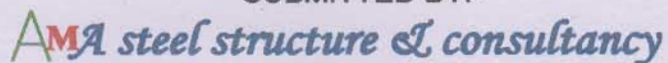


**PROPOSAL
FOR
ARCHITECTURAL AND STRUCTURAL CONSULTANCY**

CLIENT:- COATS BANGLADESH

SUBMITTED BY:-



AMA steel structure & consultancy

PANJERY VALLEY (Ground Floor), CHOWRASTA, GAZIPUR.

28th January, 2016

To
The Managing Director
Coats Bangladesh
Rajendrapur, Gazipur,
Bangladesh.

Sub: Quotation for consultancy services for construction of a warehouse and ETP plant.

Dear Sir,

We are glad to inform you that we would like to provide consultancy services for the subject warehouse and ETP plants. Our proposals are as under:

1. Financial Proposal for warehouse(Approx. 50,400 sft):

- a. Architectural Design and Drawings..... @ tk 15/sft = 7,56,000/-
- b. Structural Design and Drawings.....@ tk 20/sft = 10,08,000/-
- c. Rain Water Harvesting Design and Drawings.@ tk 3/sft = 1,51,200/-
- d. Plumbing Design and Drawings.....@ tk 2/sft = 1,00,800/-
- e. Electrical Design and Drawings.....@ tk 3/sft = 1,51,200/-

Sub-Total=21,67,200/-

2. Financial Proposal For ETP:

- a. Structural Design and Drawings..... @ tk20/sft = 4,00,000/-
- b. Plumbing Design and Drawings.....@ tk 2/sft = 40,000/-
- c. Electrical Design and Drawings..... @ tk 3/sft = 60,000/-

Sub-Total=5,00,000/-

3. Financial Proposal For Supervision:

- a. Monthly Supervision fee for an experienced Graduate Engineer
tk100,000/month
- b. Visit fee for Experts.....tk 15,000/visit

N.B: The costs mentioned above are exclusive of VAT and TAX.

Mode of payment will be:

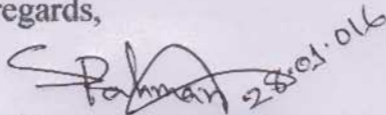
- a. At the date of agreement.....50%
- b. At the date of submission of all design details.....50%



Architectural and structural design will be based on the followings:

- a. BNBC-2006, ACI 318-14 code, AISC manual-2014 will be strictly followed in the structural and architectural designs.
- b. Gravity loads along with natural loads (Earthquake and Wind) will be considered in the design.
- c. Structural design will cover strength, serviceability and safety issues.
- d. Design will also cover environmental and health issues.
- e. Maximum utilization of natural light and use of solar power will be considered.
- f. The new structure will be oriented and integrated with all existing establishments for easy and smooth functioning as a single unit.
- g. Weather effects will be considered in the design and orientation of the new structures will be for smooth functioning with minimum hazards in all seasons.
- h. 100% rain water collection & storage will be planned and designed.

Best regards,



(Engr. Sharmin Rahman)

Managing Director

AMA Steel Structure & Consultancy.

AMA STEEL STRUCTURE & CONSULTANCY

Company Profile

2016

INTRODUCTION

Due to recent expansion and development of industrial sector in Bangladesh, the uses of pre-fabricated steel buildings are becoming popular. Structures having relatively larger clear span in respect of concrete structures can be assembled within shortest possible time by using pre-fabricated panels. In future the concept of pre-fabricated steel structure in Bangladesh will play a vital role in the construction field. It is a technologically advanced construction system and also modern technique.

Designers are well acquainted to design very complicated, style, aesthetically beautiful, all kind of industry/corporate office/warehouse/multistoried buildings etc are using pre-fabricated system in our country. Pre-fabricated steel buildings are light and more earth quake resistant than conventional reinforced concrete structures. It is expected that a number of more companies / entrepreneur like **AMA STEEL STRUCTURE & CONSULTANCY** will come in this business and will build the pre-fabricated buildings available for the general users.

AMA STEEL STRUCTURE & CONSULTANCY (AMASSC) began operating in supply, fabrication and steel building construction as one of the most diversified institution in Bangladesh with expertise services in designing, fabricating and erecting steel buildings. These services encompass a wide range of fully supported steel metal roofing, cladding, galvanized structural decking, purlin, roof tiles, clip lock, all necessary building accessories, structural steel design and erection. We believe that **AMASSC** is the company having necessary set up and expertise to provide a complete solution for residential, industrial and commercial steel buildings.

With that driven force we set up our manufacturing process with state of art technology, skilled manpower trained by foreign trainers and uses of high quality **raw materials**. **Having a highly experienced team of engineers and technical experts AMA STEEL STRUCTURE & CONSULTANCY** has established a state of the art Steel Fabrication Factory in Moiran, Gazipur, Bangladesh. Our obligation is to provide the highest quality products and services to meet the needs of our customers. SSC has the ability to fabricate all kind of orders and customizing various types of architectural metal work.

Moreover, **AMA STEEL STRUCTURE & CONSULTANCY (AMASSC)** deals with all kinds of **R.C.C. and Steel architectural design, structural design, construction and consultancy.**

OUR PROJECTS



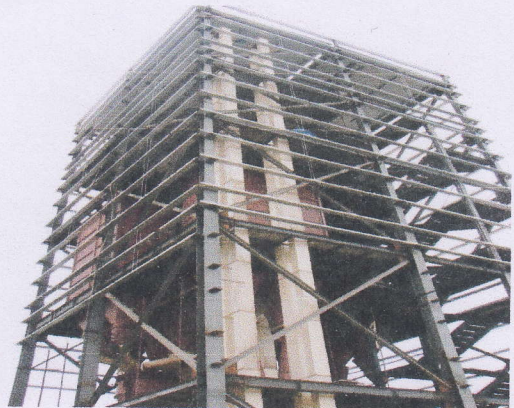
APEX HOLDINGS LTD (Chiller and Cooling Tower)



SANWARA STEEL & CRIMP LTD



ASROTEX LTD



ADVENCE POLTRY AND FISH FEED



Sanowara Steel & Crimp Ltd



Advance Poltry and Fish Feed



Knit Studio Ltd



BD KNIT DESIGN LTD



NETWORK APPAREL LTD



UTTAR SHALNA APPARELES LTD



SILKEN SEWING LTD



REX SWEATERS LTD



ESSENTIAL CLOTHING LTD



COTTON DEVELOPMENT BORD (GREEN HOUSE)



RADIX LTD



MY ONE



CHASHI VAI AGRO INDRESTRY LTD



ESSENTIAL CLOTHING LTD

Personnel Involved:

1.Engr. Sharmin Rahman

Bsc in Civil Engineering(DUET), MIEB:M-32076

Owner of the company

Technical Persons:

TEAM LEADER:

2.Dr.Mohammad Abdur Rashid

B.sc. in Civil Engineering (BUET)

M.sc. in Civil Engineering (BUET)

Ph.D. in Civil (Structural) Engineering (National University of Singapore)

Prof. Department of Civil Engineering (DUET)

TEAM CO-ORDINATOR:

3.Col Md.Abdul Malek (Rtd)

B.sc. in Civil Engineering (RUET)

Chief Engineer Operations,

Airfield Construction & Maintenance in East Timor, UN Mission.

4.Engr. Shapon Chakma

B.sc. in Civil Engineering (BUET)

Sub-Divisional Engineer ,PWD

Advisor of the company

5.Engr.Tapan Kumar Bakshi

Bsc in Civil Engineering(KUET),

Project Manger.

6. Engr. Abu Khalid Hasan

Bsc in Civil Engineering(DUET),MIEB:M-28144

M.sc. in Civil Engineering (DUET)

Advisor of the Company

7.Engr.Md.Jamiur Rihan

Bsc in Civil Engineering(DUET)

Assistant Engineer (Design & Drafting)

8.Engr.Monjul Islam

Bsc in Mechanical Engineering (DUET)

Manager Maintanenece.

9.Engr.Aktar Hossain

Bsc in Civil Engineering(DUET)

Assistant Engineer.

10.Engr.Md.Mehedi Hasan

Bsc in Civil Engineering(DUET)

Assistant Engineer.

11.Engr.Md.khairul Islam

Bsc in Civil Engineering

Project Engineer.

12.Engr.Jasmin Akter

Diploma in Civil Engineering

Draftsman

13.Engr.Abdullah Al Noman

Diploma in Civil Engineering

Site Engineer.

14. Architect Md. Nurul Alam

B. Sc. in Architecture (Khulna University)

Reg. No: K-127

OUR MAJOR CLIENT LIST:

SL. NO.	Project NAME	ADDRESS	BUILDING CATEGORY & AREA	YEAR
1	SILKEN SEWING LTD (BUILDING 1)	Memberbari, Gazipur	2 storied. 25,000 Sft	2012
2	SILKEN SEWING LTD (BUILDING 2)	Memberbari, Gazipur	4 storied. 52,000 Sft	2012
3	SILKEN SEWING LTD (BUILDING 3)	Memberbari, Gazipur	4 storied. 27,000 Sft	2011
4	RAIDHA COLLECTION LTD	Zamirdia, Vaiuka, Mymensingh.	1 storied, 8,000 Sft	2012
5	ASORTEX LTD	Notun Bazar Sreepur, Gazipur	2 storied, 16,000 Sft	2011
6	ASORTEX LTD	Notun Bazar Sreepur, Gazipur	2 storied, 26,000 Sft	2012
7	ASORTEX LTD	Notun Bazar Sreepur, Gazipur	1 storied, 7,000 Sft	2012
8	APEX SPINNING & KNITTING MILLS LIMITED	Shopipur, Gazipur	Chiller & Cooling tower	2012
9	LABIB DYEING MILLS LTD	Badacolmashor, National University, Gazipur	2 storied, 20,000 Sft	2015
10	ESSENTIAL CLOTHING LTD	Aquilyerchala, Mouchak, Gazipur	2 storied, 20,000 Sft	2013

11	MYONE ELECTTRONIC LTD	Moiran, Gazipur	Wire house 4,000 Sft	2012
12	MODERN GRAPHICS PRINTING & PACKAGING LTD	Dhamrai, Dhaka.	2 storied, 6,000 Sft	2012
13	MATRIX SWEATERS LTD	Soidana, Hazirpuckor, Gazipur	1 storied, 5,000 Sft	2012
14	ORIGIN APPARELS LTD	Vouride, Porabari, Gazipur	1 storied, 20,000 Sft	2015
15	ADVENCE POLTRY AND FISH FEED	Zogiya, Kustia	1 storied, 22,000 Sft	2010
16	UTTAR SHALNA APPARELES LTD	Porabari, Gazipur.	1 storied, 10,000 Sft	2011
17	REX SWEATERS LTD	Soidana, Hazirpuckor, Gazipur	1 storied, 40,000 Sft	2012
18	NETWORKS APPARELS LTD	Chandona, Gazipur	1 storied, 18,000 Sft	2012
19	INTRACO SWEATERS LTD	Hashem Plaza DEPZ Gate, Ganak Bari, Saver, Dhaka	1 storied, 18,000 Sft	2012
20	NASIR FEED MILLS LTD	Jogia, Kustia.	1 storied, 27,000 Sft	2012
21	SANWARA STEEL & CRIMP LTD	Moiran, Gazipur	1 storied, 12,000 Sft	2013
22	RADIX LTD (CHILLER	Kasimpur, Gazipur	3 storied	2014

	TOWER)			
23	RADIX LTD (DYING SHADE)	Kasimpur, Gazipur	1 storied, 5,000 Sft	2014
24	RADIX LTD (ETP)	Kasimpur, Gazipur	12,00,000 litter capacity	2015
25	BD KNIT DESIGN LTD	Malakerbari, Gazipur	2 storied, 35,000 Sft	2015
26	ESSENTIAL CLOTHING LTD-2	Aquilyerchala, Mouchak, Gazipur	1 storied, 7,200 Sft	2014
27	ESSENTIAL CLOTHING LTD-3	Aquilyerchala, Mouchak, Gazipur		2015
28	STAR LIGHT	Vogra, National University, Gazipur	1 storied, 5,616 Sft	2015
29	RATOOL APPARELS LTD (SWEING SHADE)	Sripur, Gazipur	1 storied, 29,485 Sft	2014
30	RATOOL APPARELS LTD (CUTTING SHADE)	Sripur, Gazipur	1 storied, 8,018 Sft	2015
31	RATOOL APPARELS LTD (KNITTING SHADE)	Sripur, Gazipur	1 storied, 11,470 Sft	2015
32	Coats Bangladesh	Banglabazar, Rajandrapur, Gazipur	1 storied shade, 3300 sft	2015
33	Sheikh Fajilatunnesa hospital	Jirani, Savar, Dhaka	1 storied shade	2015
34	Garden shade	Sadar hospital, Gazipur.	1 storied	2015

			shade	
35	Starlight generator shade	Vogra, National University, Gazipur	1 storied, 1665 sft	2015
36	Labib Dyeing Mills Ltd	Bada Kalmasher, K.B. Bazar, Gazipur.	3 storied, 31250 sft	2015
37	Labib group generator shade	Gulsan, Dhaka.	1 storied, 3665 sft	2015
38	New hope shade extension	Sreepur, Gazipur.	1 storied, 5665 sft	2015
39	S2L	Sharifpur, Malaker bari, Gazipur.	40,500 sft	2015
40	Tennis ground	Nikunja-1, C/10, Khilkhet, Dhaka.	2980 sft	2015
41	Sun Yad Packaging Ltd	Porabari, Chowrasta, Gazipur	2193 sft	2016
42	Meem Fashion(With Basement)	Sreepur, Gazipur	27000 sft per floor	2016
43	Knit Studio Ltd	Board bazar, Gazipur.	52000 sft	2015

List of Machineries Equipments and Vehicles:

SL No.	Item of Machine Tools	Quantity
1.	Excavator	01
2.	Dram truck	02
3.	Small Compaction machine	04
4.	Demolition machine	06
5	Digital Level machine(Theo do light)	02
6	Total Station	01
7	Manual Mixture machine	06
8	Bar bender machine	02
9	Hi speed Bar cutter machine	10
10	Welding machine	12
11	Hammer drill machine	10
12	Drill machine	12
13	4"Granding machine	15
14	7" Granding machine	13
15	Screw machine	08
16	Vibrator machine (Electric)	06
17	Vibrator machine (Disel)	04
18	Water pump	06
19	Z Pump	02
20	Form work materials (wood, bamboo, sheet)	12000 Sqm
21	Hand saw	50
22	Chain copper	05 Set
23	Silicon gun	09
24	Bar handle	40

Technical Capabilities:

1. Civil Engineer (Field)
2. Electrical Engineer (Field)
3. Mechanical Engineer (Field)
4. Surveyor
5. Supervisor
6. Operator
7. Foreman
8. Technician
9. Piping Expert
10. Welder, Fitter, Rigger, Technician
Helper, Helper
11. Skilled Labor.



গাজীপুর সিটি কর্পোরেশন গাজীপুর।

ট্রেড লাইসেন্স

ক্রমিক নং- 72965
লাইসেন্স নং- ১১৬৫/২০১৫ - ২০১৬



১৬ জানুয়ারী ২০১৩ খ্রিষ্টাব্দে প্রকাশিত এস. আর ও নং ১৭ আইন/২০১৩-মূলে সৃষ্ট গাজীপুর সিটি কর্পোরেশনের অধীন বিভিন্ন পেশা, ব্যবসা ও জীবিকার জন্য সিটি কর্পোরেশন আইন, ২০০৯-এর অধ্যায়-২, মূলে নিম্নবর্ণিত ব্যক্তি/প্রতিষ্ঠানকে নির্ধারিত শর্তাধীনে ৩০ জুন, ২০১৬.....খ্রিষ্টাব্দ পর্যন্ত বর্ণিত স্থানে ব্যবসা পরিচালনার জন্য ট্রেড লাইসেন্স প্রদান করা হইল।

০১। সত্ত্বাধিকারী/সত্ত্বাধিকারীগণের বিবরণঃ

ক) নামঃ
খ) পিতা/স্বামী :
গ) মাতাঃ
ঘ) স্থায়ী ঠিকানাঃ

০২। ব্যবসা প্রতিষ্ঠানের বিবরণঃ

ক) প্রতিষ্ঠানের নাম :
খ) ব্যবসার ধরণ :
গ) ঠিকানা :

০৩। ফিস/করের বিবরণঃ

ক) লাইসেন্স ফিস : হালসন বকেয়া মোট
খ) বিজ্ঞাপন কর : হালসন বকেয়া মোট
গ) অন্যান্য : সারচার্জ বিবিধ মোট
সর্বমোট :
কথায় :

এই লাইসেন্সের মেয়াদ ৩০ জুন, ২০১৬..... খ্রিষ্টাব্দ পর্যন্ত বলবৎ থাকবে।

লাইসেন্স পরিদর্শক/লাইসেন্স কর্মকর্তা

তারিখ : মোঃ মাজবুর রহমান
স্বপ্ন কর্তৃক কর্মকর্তা (চরস্বাক্ষর)

মেয়র

গাজীপুর সিটি কর্পোরেশন

Taxpayer's Identification Number(TIN) :863278375002

Dr. Mohammad Abdur Rashid

Professor (Selection Grade)
Department of Civil Engineering
Dhaka University of Engineering & Technology (DUET)
Gazipur-1700, Bangladesh.

Cell.: 01720-471178, Tel.: 02-55085258 (res.)

E-mail: marashid78@yahoo.com



Educational Qualifications:

Ph.D. in Civil (Structural) Engineering from National University of Singapore (NUS), Singapore in **2002**.

M.Sc. in Civil (Structural) Engineering from Bangladesh University of Engineering & Technology (**BUET**), Dhaka, Bangladesh in **1993**.

B.Sc. in Civil Engineering (major-Structural Engineering) from **BUET**, Dhaka, Bangladesh in **1986** (examinations held in **1985**).

Honors and Academic Awards:

Awarded **University Merit Scholarship** based on academic performance during undergraduate study (July 1982 to June 1984) at **BUET**, Dhaka, Bangladesh.

Awarded **Education Board Scholarship** for excellent academic performance in Higher Secondary Certificate (HSC) examination (1980), Dhaka Board, Bangladesh.

Awarded **Education Board Merit Scholarship** for excellent academic performance [securing the **18th position** in order of merit] in Secondary School Certificate (SSC) examination (1978), Comilla Board, Bangladesh.

Awarded **Junior Scholarship in talent-pool (stood 2nd)**, (1975), Brahmanbaria, Bangladesh.

Fellowship of Academic Bodies and Professional Societies:

Awarded **Research Assistantship (RA)** and **Graduate Assistantship (GA)** from Singapore Government to pursue Doctoral Program at National University of Singapore (**NUS**), Singapore. (July 1997 to December 2001).

Awarded **United Nations Development Program (UNDP) Fellowship** to pursue M.Sc. Engineering Program at **BUET**, Dhaka, Bangladesh. (January 1990 to December 1992).

Teaching Experiences:

Professor and Dean, School of Civi, Environment & Industrial Engineering, Uttara University, Uttara, Dhaka – from January 01, 2016 to date [Taking *Lien* from DUET].

Professor and Dean, School of Engineering, Presidency University, Dhaka – from January, 2015 to December, 2015 [Taking *Lien* from DUET].

Selection-Grade Professor, Dept. of Civil Engineering, DUET, Gazipur – from October, 2012 to date.

Professor, Dept. of Civil Engineering, DUET, Gazipur – from October, 2005 to September, 2011.

Associate Professor, Dept. of Civil Engineering, DUET, Gazipur – from May, 2000 to September, 2005.

Assistant Professor, Dept. of Civil Engineering, DUET, Gazipur – from April, 1995 to April, 2000.

Lecturer, Dept. of Civil Engineering, DUET, Gazipur – from April, 1987 to March, 1995.

Courses Taught:

Structural Analysis; Reinforced Concrete Design; Prestressed Concrete Design; Advanced Concrete Technology; Strength of Materials; Analytic Mechanics; Engineering Materials; Computer Programming & Numerical Methods; and Surveying.

Areas of Research Interest:

Structural analysis and design; Reinforced and Prestressed concrete; Concrete technology; High strength concrete; Brick aggregate concrete; High-rise building structures.

Administrative Experiences at DUET, Gazipur, Bangladesh:

Vice-Chancellor (In-charge), DUET, Gazipur – from September, 2014 to October, 2014.

Director of Consultancy, Research and Testing Services (CRTS) – from February, 2012 to December, 2014.

Dean of the Faculty of Civil Engineering – from March, 2008 to March, 2010.

Director of Planning and Development – from January, 2004 to December, 2008.

Head of the Department of Civil Engineering – from January, 2003 to December, 2003 and from February, 2006 to January, 2008.

Adviser to the Central Students' Union (DSW) – from April, 1995 to September, 1996.

Provost of Students' Hall of Residence – from June, 1996 to December, 1996.

Assistant Provost of Students' Hall of Residence – from May, 1994 to June, 1996.

Services to University through Committees at DUET, Gazipur:

(Works as Committees' Chairman/Member during six and a half years)

Chairman, Committee for preparing the post-graduate academic ordinance.

Chairman, Committee for preparing the under-graduate academic ordinance.

Chairman, Officers appointment committee.

Chairman, Tender opening committee.

Chairman, Tender evaluation committee.

Chairman, Committee for the qualification tests for the appointment of officers and employees.

Chairman, Committee for "*BMRE of public sector jute mills under BJMC*".

Chairman, Committee for reviewing the post-graduate certificate.

Chairman, Committee for reviewing the rules for university pathological lab.

Chairman, Committee for conducting written test for selection of officers for Sonali Bank.

Chairman, Committee for posting the employees of university.

Chairman, Committee for reviewing the rules for consultancy, research and testing services.

Chairman, Committee for preparing rules for "*DUET karmachari kalla trust*".

Chairman, Committee for auditing (internal) the comptroller office.

Chairman, Committee for preparing the rules for office of the director (physical education).

Chairman, Committee for verifications of earning Ph.D. degree through distant learning.

Chairman, Committee for verifications of converting leave without pay to earned leave.

Chairman, Committee for justifying the cancellation of the application of deputy registrar.

Chairman, Committee for verifying the facilities to be given for employment to equivalent post.

Chairman, Committee for verification of the rules for liveries to employees.

Chairman, Committee for verifying the claims made by officers and employees.

Chairman, Committee for equalizing the employees' salaries.

Chairman, Committee for making decision for granting annual increment to one officer.

Chairman, Committee for verification of the written reply of security guards regarding theft.

Chairman, Committee for granting advances from the general provident fund.

Chairman, Committee for reviewing the qualification tests for teachers' appointment.

Chairman, Committee for preparing the rules for giving gold-medals to students.

Chairman, Committee for verifying suitability of diploma holder (in Environmental Technology) students as candidates for admission into civil engineering dept.

Chairman, Committee for forming committees for procurement of goods and inspection of procured goods.

Chairman, Committee for reporting the rational expenses for various civil constructions of the university.

Chairman, Committee for verification of the issues related to higher study of one faculty member

Chairman, Committee for finalizing the draft Master Plan of DUET.

Chairman, Committee for updating the rules for group insurance and Benevolent Fund.

Chairman, Committee for technical advices and estimation for the expansion, renovation and up-gradation of VIP guest house into VC's residence.

Chairman, Committee for technical advices to buy digital hammer for concrete testing.

Chairman, Committee for the efficiency bar, time scale and selection grade for officers.

Chairman, Committee for technical advices for the repair of academic building and student hall.

Member, Syndicate of DUET.

Member, Academic Council of DUET.

Member, Post-graduate academic committee of Civil Engineering department, DUET.

Member, Committee for preparing rules for regularization of teachers, officers and employee.

Member, Committee for reviewing the up-gradation of the officers and employees.

Member, Committee for reviewing the cases of voluntary retirement of teachers.

Member, Committee for reviewing the rules for expenditure from central CRTS Fund.

Member, Drivers' recruitment committee.

Member, Advisory committee for DUET Journal.

Member, Committee for preparing rules for extension of services (after 60 years of age) and related terms & conditions needed for teachers.

Member, Committees for verification of converting leave without pay to earned leave.

Member, Committee for verification of admission test results (part) in a particular year.

Member, DUET Journal editorial board.

Member, Committee for verification of leave/deputation rules for higher study of teachers.

Member, Committee for technical advices & estimation for the repair and maintenance works.

Member, Committee for awarding Selection Grade for the teachers.

Member, Committee for auditing the information of a group of students.

Professional Experiences as Structural Designer/Consultant:

Have been working as **Structural Design Consultant (Part-time)** at Bashati Consortium Ltd., Alpana Plaza, 51 New Elephant Road, Dhaka, from January 2003 to date.

Served as **Structural Design Consultant (Part-time)** at Bashati Consortium Ltd., Alpana Plaza, 51 New Elephant Road, Dhaka, from January 1995 to December 1996.

Served as **Senior Structural Engineer (Part-time)** at Bashati Consortium Ltd., Alpana Plaza, 51 New Elephant Road, Dhaka, from May 1987 to December 1994.

Served as **Structural Design Engineer (Full-time)** at Home Builders Company Ltd., House-67/B, Road-13/B, Banani, Dhaka from February 1986 to April 1987.

(a) Few of the Large Nos. of Structural Designs Done:

21 storied **UNIVERSAL MEDICAL COLLEGE & HOSPITAL BUILDING** at 23 Green Road, Dhaka.

18 storied **KAMAL TOWER** at Plot No. 67B, Road No.11, Block-E, Banani, Dhaka.

16 storied **RUPSHA TOWER** at Plot No.7, Road No.17, Kamal Ataturk Avenue, Banani, Dhaka.

15 storied **WALSO TOWER** at 1-2 Mymensingh Road, Ramna, Dhaka.

12 storied **Residential Building** at 31 VIP Road, Nayapaltan, Dhaka.

8 storied **SUPER DELUX FLATS** at 36 Mirpur Road, Dhanmondi, Dhaka.

8 storied **Factory Building** for King's Confectionary Pvt. Ltd., Board Bazar, Gazipur.

7 storied **Apartment Building** at Kalabagan, Dhaka.

7 storied **BASHATI TRIPLETS** at Plot No.31, Road No.68/A, Gulshan-2, Dhaka.

6 storied **VILLA AL-HAMRA** at Plot No.16, Road No.10, Baridhara, Dhaka.

6 storied **Apartment Building** at 70, Swamibagh, Dhaka.

(b) Structural Designs Checked [Detailed Engineering Assessment (DEA)]:

14 storied **New Academic Building** of Dhaka University of Engineering & Technology (DUET), Gazipur-1700.

9 storied **Factory Building** of Best Shirts Ltd. at Board Bazar, Gazipur.

9 and 7 storied **Factory Buildings** of Atashi Garments Ltd. at Board Bazar, Gazipur.

6 storied **Factory Building** of Cosmopolitan Industries Pvt. Ltd. at Ashulia, Savar, Dhaka.

6 storied **Factory Building** of Pearl Garments Co. Ltd. at Ashulia, Savar, Dhaka.

4 **Factory Buildings** of EPIC Group at Narayanganj EPZ, Narayanganj.

3 **Factory Buildings** of DHAKAREA Ltd. at Dhaka EPZ at Ashulia, Savar, Dhaka.

Technical Publications:

Journal Papers:

Hossain, M. K., **Rashid, M. A.**, Karim, M. R., "Effect of Cement Content and Size of Coarse Aggregate on the Strength of Brick Aggregate Concrete", Dhaka University of Engineering & Technology (DUET) Journal, Vol.2, Issue 2, **June 2015**, pp.20-24.

Rashid, M. A., Rahman, M. A., Chakma, S., Rahman, M. K., "Influence of Moist-Curing on the Strength of Brick Aggregate Concrete", Dhaka University of Engineering & Technology (DUET) Journal, Vol. 2, Issue 1, **June 2014**, pp.09-13.

Rashid, M. A., Salam, M. A., Shill, S. K., and Hasan, M., K., "Effect of Replacing Natural Coarse Aggregate by Brick Aggregate on the Properties of Concrete", Dhaka University of Engineering & Technology (DUET) Journal, Vol.1, Issue 3, **June 2012**, pp.17-22.

Salam, M. A., Islam, M. N., and **Rashid, M. A.**, "An Expert System for Mix Design of Brick Aggregate Concrete", International Journal of Mechanical and Materials Engineering (IJMME), University of Malaya, Malaysia, Vol. 7, No. 1, **June 2012**, pp. 54-63.

Rashid, M. A., Hossain, T., and Islam, M. A., "Properties of Higher Strength Concrete Made with Crushed Brick as Coarse Aggregate", Journal of Civil Engineering, The Institution of Engineers (IEB), Bangladesh, Vol. 37, No. 1, **June 2009**, pp. 43-52.

Rashid, M. A., and Mansur, M. A., "Considerations in Producing High Strength Concrete", Journal of Civil Engineering, The Institution of Engineers (IEB), Bangladesh, Vol. 37, No. 1, **June 2009**, pp. 53-63.

Rashid, M. A., Hossain, T., and Islam, M. A., "Higher Strength Concrete using Crushed Brick as Coarse Aggregate", The Indian Concrete Journal, Vol. 81, No. 10, **October 2008**, pp. 18-23.

Rashid, M. A., and Mansur, M. A., "Reinforced High-Strength Concrete Beams in Flexure", ACI (American Concrete Institute) Structural Journal Vol. 102, No. 3, **May-June 2005**, pp. 462-471.

Rashid, M. A., Mansur, M. A., and Paramasivam, P., "Behavior of AFRP Reinforced High Strength Concrete Beams under Bending", Journal of Composites for Construction, American Society of Civil Engineers (ASCE), Vol. 9, No. 2, **March-April 2005**, pp. 117-127.

Rashid, M. A., "Considerations in Using High Strength Concrete in RC Flexural Members: A Review" The Indian Concrete Journal, Vol. 78, No. 5, **May 2004**, pp. 20-28.

Rashid, M. A., Mansur, M. A., and Paramasivam, P., "Correlations Between Mechanical Properties of High Strength Concrete", Journal of Materials in Civil Engineering, American Society of Civil Engineers (ASCE), Vol. 14, No. 3, **2002**, pp. 230-238.

Mansur, M. A., Wee, T. H., Chin, M. S., and **Rashid, M. A.**, "Microcracking in High-Strength Plain and Fibre Concretes", Journal of the Institution of Engineers, Singapore, Vol. 39, No. 2, **1999**, pp. 17-24.

Abdul Samad, A. A., **Rashid, M. A.**, Megat Johari, M. M. N., and Abang Abdullah, A. A., "Ferrocement Box-Beams Subjected to Pure Bending and Bending with Shear", Journal of Ferrocement, Vol. 28, No. 1, **January 1998**, pp. 27-39.

Rashid, M. A., and Kabir, A., "Behaviour of Reinforced Concrete Deep Beam Under Uniform Loading", Journal of Civil Engineering, The Institution of Engineers (IEB), Bangladesh, Vol. CE24, No. 2, **December 1996**, pp. 155-169.

Conference/Seminar Papers:

Rashid, M. A., Mansur, M. A., and Paramasivam, P., "Ductility of AFRP Reinforced High Strength Concrete Beams", In Proceedings 6th International Symposium on Utilization of High Strength/High performance Concrete, University of Leipzig, Leipzig, Germany, **June 16-20, 2002**, pp. 527-542.

Rashid, M. A., Mansur, M. A., and Paramasivam, P., "Flexural Response of High Strength Concrete Beams Reinforced with FRP Bars", In Proceedings 6th International Conference on Structural Failure, Durability and Retrofitting, Singapore Concrete Institute and National University of Singapore, Singapore, **September 14-15, 2000**, pp. 271-280.

Rashid, M. A., Mansur, M. A., and Paramasivam, P., "Effect of Reinforcement Ratios on Flexural Behaviour of High Strength Concrete Beams", In Proceedings 5th International Symposium on Utilization of High Strength/High performance Concrete, Norwegian Concrete Institute, Sandefjord, Norway, **June 20-24, 1999**, pp. 578-587.

Membership of Scientific and Professional Societies:

Fellow, Institution of Engineers Bangladesh (IEB), Bangladesh (Fellowship No.-F/6109).

Member of the Editorial Board, Journal of Civil Engineering, Institution of Engineers (IEB), Bangladesh – **from 2006 to 2008**.

Member of Equivalence Committee (Degree Equivalence Committee), IEB, Dhaka, Bangladesh – **from July 2004 to June 2007**.

Member, Civil Engineering Alumni Association, National University of Singapore, Singapore.

Computer Skills:

Structural Design Software : **STAAD-Pro, ETABS.**

Language : **FORTRAN**

Common Windows Applications : **MS Word, MS Excel, MS Power Point.**


Personal Particulars:

Father's name : Late Munshi Abdul Ahad
Mother's name : Late Saleha Khatun
Date of birth : 25 October 1963
Present address : House No.- 64 (5th Floor), Road No.- 15
Sector - 11, Uttara Model Town, Dhaka-1230.
Permanent address : Village - Konaur, Post Office - Baurkhanda
Upazila - Nabinagar, District - Brahmanbaria,
Post Code-3463.
Religion : Islam
Marital status : Married

Referees:

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(2) **Professor Dr. Ahsanul Kabir**
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Bangladesh University of Engg. and
Technology (BUET)
Dhaka-1000.
E-mail: akabir@ce.buet.ac.bd
Cell.: 01711-326436

Signature: 
(Dr. Mohammad Abdur Rashid)

Date: 18 January, 2016

CURRICULUM VITAE



1. Name : **Col Md Abdul Malek (Rtd)**
2. Fathers Name : **Md Maksudul Hoque**
3. Permanent Address : **Vill: Khudirampur, P.O: Karatia,
PS+Dist.: Tangail**
4. Present Address : **House No: 524 (3rd floor),
Road No. 7, DOHS Mirpur, Dhaka.**
5. Date of Birth : **01 Jan 1959**

6. Educational Qualification:

SSC	1973	First Division	HM Institution, Karatia, Tangail
HSC	1976	Second Division	Saadat College, Karatia, Tangail
B.Sc Eng (Civil)	1982	Second Class	Rajshahi Engineering College

7. Course Attended

- **Engineer Officers' Basic Course - ECSME (1985)**
- **Officers' Weapon Course - SI&T(1987)**
- **Junior Tactics Course - SI&T (1987)**
- **Counter Insurgency Course - SI&T (1992)**
- **Short Course on Assessment & Diffusion of Technology - BUET (1997)**
- **Unit Command and Staff Course - SI&T (1998)**
- **Seminar on Defense Procurement & Logistic Management – Canada (2009)**

8. Job Experience:

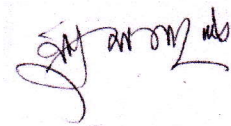
- Senior Instructor MIST : Before retirement December 2011
- Chief Force Engineer UNMIL, Liberia-2011: Responsible for communication infrastructure including Roads, Airfield construction and maintenance in Liberia.
- Station Commander, Ghatail, 2008-2010
- Director, NSI - 2006-2007
- GSO1, DGFI – 2004-2005
- Commanding Officer, 8 Engineer Battalion-2002-2003
- Chief Engineer Operations, Peace Keeping Force HQ: Responsible for communication infrastructure including Roads, Airfield construction and maintenance in East Timor.
UNTAET East Timor-2001
- Commanding Officer, 11 Riverine Engineer Battalion – 1999-2000
- Garrison Engineer (Army) Project North Dhaka-1995-1998 Responsible for construction of all types of buildings including hospital, electric, water and gas supply installations etc.
- Regional Engineer, UNOMIL Libria-1994
- Garrison Engineer (Air), Chittagong – 1987-1991: Responsible for construction and maintenance of all types of buildings including hospital, electric, water and gas supply installations etc.
- Unit Level Service from June 1984

9. Countries Visited : Australia, Canada, Saudi Arabia, Bahrain, UAE, Egypt, Morocco, Kenya, Cote-De Ivoire, Liberia, Malaysia, Singapore, Thailand, East Timor.

10. Contract No. : 01751482596

11. E-mail : mamalek2001@yahoo.com

Date: 20-01-2016



Signature

**CV
Of
Tapan Kumar Bakshi**

C/O. Shankar Mazumder
GM (Audit)
Pretrobangla,
3, kawran Bazar, Dhaka-1215
Contact no: 01717-465779
E-Mail : engr.tapanbakshi@gmail.com



PROFESSIONAL OBJECTIVE:

Expecting a challenging and dynamic career in Civil Engineering where I can apply my knowledge and skill development. To work in a company with an effective environment conducive for personal growth where my positive attitude integrity and strong desire to succeed will contribute to the company success.

ACADEMIC QUALIFICATION:

- B.Sc.Engg (Civil), B.I. T. Khulna 2002, First Class.
- H.S.C, Comilla Govt. Victoria College, Comilla 1995, First Division.
- S.S.C, Kalir Bazar U.P. High school, Comilla 1993, First Division.

CARRIER SUMMARY:

I am a graduate in Civil Engineering with 13 years of Professional experience. Have working experience in the field of implementation of building and heavy industrial construction project that include Meeting, minutes, monthly & weekly progress report preparation, Coordinate shop drawing preparation and also prepare invoice/payment during project implementation. Supervision/Execution of construction works of multi-storied buildings with two & three basements (such as residential, office) buildings etc. huge piling works, Fair Face works, measurement of progress of works, certifying contractor's payment etc. Planning & Budgeting of development works, issuing work-orders for construction & supply works and also preparation of contract agreement & materials work program.

WORKING EXPERIENCE:

Kusholi Nirmata Ltd.

Project Manager (Dec 2013 to Present).

- Responsible for Planning, supervision & overall Manage all construction work as per the projected time

- Maintain & run the construction project.
- BOQ preparation.
- Preparation progresses report of the projects, monitoring the project progresses and taking action plans depending upon the needs
- To Operate the Management of Procurement of all Resources and Monitor & Control the Project Activities Regularly.
- Prepare weekly and Monthly work programmed and hold meeting regularly with contractor & project personnel to find out operational problems & to eliminate those and Ensure overall safety.
- Ensure that all the works meets the stipulated quality standard and all quality controlling process are maintained properly for structural & Finishing works.

Assurance Developments Ltd.

Asst. Project Manager (June 2012 to Dec 2013).

- Working as a Project In charge of High Rise Building Project (14th storied with two basements) at Road # 140, Plot#02, Gulshn-1.
- Run the project independently & inspection for civil works, which includes structural & finishing works and ensure that the work is as per the Project Specifications and issued for construction drawing/ final approved drawings from authorities.
- To review design & drawing of construction work to be involved with the construction activities and provide necessary direction to the team members to ensure smooth progress of the project works.
- Management of sub-contractors engaged and Co-ordination with procurement department to receive construction material at respective site(s)
- Completion of Project documentation, i.e. estimation, reports, project manuals etc and prepare work schedule for completion of the project within the deadline.
- Report to the higher authority about progress of works & any other technical problems related to the construction and done any other job assigned by the supervisor.

Asset Developments & Holdings ltd

Project Engineer (March 2010 to May 2012)

- Working as a Project Incharge of High Rise Fair Face Building Project(13th storied with one basement) at Road#88, Plot#04, Gulshan .
- Preparing Master & Monthly Work Programme & Progress report of the project and Preparing estimates for this works . Ensure quality of construction work & monitoring of all project activities.
- Project Work Scheduling, Documentation and Implementation and Establish and monitor the construction work according to work schedule & reporting higher Management.
- Ensure timely completion of project
- Co ordination in between clients, Structural Engineers and Utility Engineers to analyze user's requirement and evolve final work plan taking into consideration the technical aesthetical & functional requirements
- Taking measurement of all complete works, recoding in MB, Preparation contractor bill.
- Making Material Purchase Requisition (MPR), Material Transfer Order (MTO), weekly and monthly project construction schedule to achieve this work target.

Sumona Builders
Sumona Pvt. Ltd.

Project Manager (September 2008 to Feb 2010)

- Working as a manager of Two High Rise Building Project (One fifteen storied with three basements and another Fourteen storied with two basements).
- Project cost Analysis and preparation of Variance between BOQ & Actual Consumption, quality control and Co-ordination with Consultant, Purchase department and store department
- To supervise construction sites of high-rise buildings, prepare materials requisition, check quantity & quality, stock-control & reporting. Dealing with contractor, labour contractors affairs.
- Preparation of Technical work order. Maintain liaison with external agencies such as government authorities, business partners, Gas, Electricity & other agencies and Building safety & security.

Megna Group of Industries

Sr. Engr. (Project) March 2005 to August 2008)

- Working as a Sr. Engineer (Project) in United Sugar Mills Ltd, Janata Flower Mills Ltd, Unique Power Plant Ltd, United Fiber Industries Ltd & Residential Building Project.
- Estimating, Preparing and Monitoring budget of individual project and resource requirements and submit the costing to the engineering department for approval.
- Monitoring overall civil works and familiarity on all aspects of formwork installation, concrete production and placing, curing and protection.
- Supervision all the construction works using the design & drawing submitted by consultant and Work with BOQ & under pressure.
- Contractor Bill checks and supervise Site Layout, Machinery Layout &
- control of all sorts of construction activities at site.
- Prepare monthly plans and quarterly achievement report and submit these to Manager Engineering.
- Estimate the material requirement & maintain the proper discipline in the project.
- managed a large team of engineers, technicians, assistants, supervisors and work force.

COMPUTER LITERACY:

- AutoCAD , MS Office (Word, Excel, Power point, etc.)

PERSONAL SKILL:

- Positive thinking

- Problem solving
- Work under pressure
- Negotiating skills

PERSONAL INFORMATION:

Father's Name : Usha ranjan Bakshi.
Mather's Name : Laxmi Rani Bakshi.
Date of birth : 12th May 1978.
Nationality : Bangladeshi.
Marital Status : Married
Permanent Address : Vill. Raycho, P.O. Kalir Hat,
P.S. Sadar Comilla, Comilla.

REFERENCE:

Engr.Kartic Candra Das
(Tech)

Meghna Group of Industries
Meghnaghat, Sonargaon, Narayangong.
01713-013154

Engr.Shahidul Islam
Director (Operation)
Kusholi Nirmata Ltd.
Dhaka
01796-583550

Director

Engr.Tapan Kumar Bakshi



RESUME
OF
MD. NURUL ALAM KHAN

Architect
MIAB, RAJUK & CDA Reg. No: K-127
Cell: +8801712-054549
Email: nirjhararch@gmail.com

Career Objectives

My ambition is to excel in the field of Architecture. A challenge as well as rewarding position is desirable, which entails tenacity, innovation, enthusiastic, energy, and ability to work independently or in-group, leading competence, self-confidence, strength, interpersonal skills and positive attitude.

Experiences

- Sr. Architect at **Mondol Group** (Industrial Building Designing, Master Plan, Composite garments Factory Campus) From June 3rd 2012 to present.
- Jr. Architect at **Juha Design Yard & Civiltech Structural Solution Ltd** at D.O.H.S (Mohakhali) From June 1st 2011 to May 31st 2012.
- Art Director at **SISIMPUR TV SHOW** (Set Designing & Props making so on, Season-07 Complete) Contractual.

Important Designs

- **8 Storied Sweater factory (Mark Sweater)** (1,92,000 sqft) at Navana, Kashimpur, Gazipur
- **10 Storied Composite Garments factory** (Tropical Knitex) 6, 00,000 sqft at Pallibidduth, Shafipur, Gazipur.
- **9 Storied RMG factory (Mondol Knitware-II)** Nayapara, Kashimpur, Gazipur.
- **6 Storied Residence** for Hazi Ismail (6,293 sqft) at Surabari, Gazipur.
- **9 storied Apartment**, 4200 Sqft/Floor, 4 nos unit/floor at Turag, Uttara, including **RAJUK approval drawing**.
- **7 storied Knitting, Sewing, Finishing, Cutting & Printing Building, Dyeing Shed and complete Master Plan** for Marma Composite Ltd. Tongabari, Ashulia, Dhaka, including **Approval Drawing of RAJUK**.
- **Whole Interior Design** of Daffodil University's Existing Campus, Dhanmondi, Dhaka & Master Plan at Dattopara, Ashulia, Dhaka.
- **Apartment** at Elephant Road, **Apartment** at Uttara (On behalf of Consultancy Firm)
- **Medical College Hospital and Nursing College** at Khagan, Asulia, Dhaka.

Educational Qualification

Bachelor in Architecture (B.ARCH), 2011

Institute : Architecture Discipline,
Khulna University, Khulna.
Duration of Study : 5years (Professional)
Result : CGPA 2.57

Higher Secondary Certificate (H.S.C), 1999

Result : First Division, (81.7 % marks)
Institute : Rangpur Cadet College,
Modern, Rangpur.
Board : Rajshahi.
Group : Science.

Secondary School Certificate (S.S.C), 1997

Result : First Division, (90 % marks)
Institute : Rangpur Cadet College,
Modern, Rangpur.
Board : Rajshahi.
Group : Science.

Computer Literacy

Have advanced and practical knowledge in MS office package, **Auto CAD, 3D Studio Max, Corel Draw**, Adobe Photoshop, Sketch up, all WINDOWS OS, Browsing the internet, troubleshooting hardware, software problems, maintaining so on.

Personal Capabilities

Singing, Instrument Playing (Guitar, Harmony, Keyboard, Flute, Mouthorgan), Swimming, Photography, Games (Football, Cricket, Basketball, Table Tennis), Athletics (Running events, Long Jump), Painting (Water Color), Sketch (Pencil, Charcoal), Sculpture Making, Acting (Drama), Calligraphy, Azan & Quran Telawath, Poem recitation Driving.

Awards:

Gold medal for Breast Stroke Swimming (I.C.C.S.M), Gold medal for Cross Country Race, (2 times), Gold modal for 800 Meter Race (Several Times), Awards for singing & instrument playing (Several Times), Certification for Poem recitation (Shilpokola Academy, Awards for Pencil Sketch and, Awards from Education Board for S.S.C & H.S.C exam, Awarded at Inter University Athletics competition '2006, Awards for set Designing from USAID.

Language Proficiency

Bengali – Mother tongue
English – Proficient User

Thesis Project

Project Type: Cultural & Institutional.
Project Name: **Institute of Performing Art,**
Jahangirnagar University Campus, Savar, Dhaka.

Major Field of Study in B. ARCH in Architecture

Design
Graphics
Structure
Architectural Heritage
Urban and Landscape Design
Interior Design
Climate & Design

Other Courses

Photography
Sculpture
Graphic reproduction
Ecology
Survey Technique
Environmental Design

Personal Information

Name : Md. Nurul Alam Khan.
Family Name : Alam.
Father's name : Md. Ismail Hossain Khan.
Mother's name : Mrs. Nurjahan Hossain Khan.
Mailing Address : Hasan Manjil, Dholpur
Chourasta South Gagirchat,
Savat, Cant, Ashulia,
Dhaka – 1344, Bangladesh.

Permanent address : Village: kashipur.
Post: Shorulia.
P/S: Patelghata.
Thana: Tala.
District: Satkhria.
Date of birth : 29th October, 1981
Height : 5'-7"
Weight : 63 kg.
Marital status : Married.
Religion : Muslim.
Nationality : Bangladeshi (by birth).
Sex : Male.
Blood Group : O⁺ (Positive).
Contact info : Cell: +8801712-054549
Email: nirjhararch@gmail.com

References

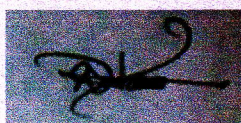
Dr. Anirban Mostofa
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Hazi Abdul Mojid Mondol MP
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Chairman
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Siaam Tower, Uttora Model Town
Cell: +880711-591138

I declare that the information stated above is complete, true and correct in every particular aspect to my knowledge.

Signature



Md. Nurul Alam Khan

14.01.2016