



# Northbank Engineering Services Ltd.

**Company Details**



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## **.01      Introduction**

Northbank Engineering Services Limited was formed in November 2001 and is dedicated to providing a fully comprehensive service to its clients in the field of Building Services Installations, including Electrical, Air Conditioning, Heating, Ventilation, Plumbing Services and Environmental Controls.

The company utilises state of the art Computer Aided Design packages, for both the Project Planning, Financial Cost Control and the Design Development of Mechanical and Plumbing systems.

The company is committed to keeping abreast of Modern technology and trends and invests in C.P.D. Continued Professional Development.

The two main Board Directors of NES Ltd believed that a comprehensive service can be offered to Clients by an amalgamation of our joint experiences independently, each of who have been dealing with their own specialist fields, Mechanical and Electrical Design & Project Management & Contracting. This year NES has been formed to provide that very service, a single point of contact with individual expertise in each respective field.



## **.02            Benefits of Northbank philosophy**

Northbank Engineering Services Ltd is directed and managed by its shareholders who are actively involved in the business. This offers the ability for immediate decisions to be taken and allow greater flexibility to suit individual project demands.

In dealing with Northbank Engineering Services Ltd, we trust you will experience that our approach is both professional and commercially aware especially in the current market place and economic climate. Our approach brings total commitment to not only achieving those promises made during project inception discussions, but also to bring the project/contract to a mutually satisfactory conclusion, on time, within the agreed cost plan and actually providing the Client what was originally required.

Our previous individual success is reflected in the volume of repeat business awarded by satisfied clients who have appreciated our efforts to make business relationships pleasant, rewarding and successful. This shall be carried through into the new joint venture

We adopt a non – adversarial approach with all our clients and look at solutions to the everyday problems as they occur.





## **.04 Professional Expertise**

The two main board directors of NES have been firmly established within the Building Services Industry and have a combined expertise spanning some 40years. One specializing in Design & Build contracting environment, having a Consulting Engineering and D&B background, the other in the Contracting of Building Services in UK and extensively in Europe.

Recent staff additions have also strengthened our capabilities, coming from a diversified background's within the Construction Industry.

Our core business activities are the Supply and Installation of Mechanical & Electrical Engineering Services, including the following individual systems. -

Air Conditioning	Main CHW Refrigeration Installations VRV Refrigeration Installations Split D.X. Installations V.A.V. Installations F.C.U. Installations
Electrical	H.V. & L.V. Distribution Voice, Data & Security Installations Fire Alarms Installations Sub Mains cabling Lighting Design & Installation Lightning Protection External & Decorative Lighting Installations
Ventilation	Supply & Extract Air associated with A/C Displacement Ventilation Installations Kitchen Extraction Installations Toilet Ventilation Installations Fresh Air Heat Recovery Installations Warm Air Heating Systems Positive & Negative Pressure regime installations Welding & Industrial Extraction installations Halon Extraction Systems Car Park Ventilation Systems



Heating	Variable Temperature LTHW Installations HTHW Radiant Installations Commercial LTHW LST Installations
Plumbing	Multi Story Domestic Sanitary Collection Installations Domestic Plumbing & Gas Installations Internal & External RWP Collection installations Hot, Cold & Mains Water Services Installations
Commissioning	Hands on Commissioning of Mechanical Serv's Installations Comm Managm't of I.S.T. implementation procedures
Controls	Mechanical Control Panel Supply/ Installations Controls & Power Field Wiring Installations B.M.S. Field Wiring installations B.M.S. design software & Commissioning
Fire Protection	Conventional Wet Sprinkler Installations Pre Action Sprinkler Installations Gas suppression systems.

We firmly believe in correct contract procedures, in house and from our respective clients, our – our golden rule being “No surprises”. NES provide a regular basis full analysis with our monthly project applications and detailed variation computations. Our expertise in this field has been developed during our own individual experiences within the contracting environment of our industry all accounts are produced on time with full substantiation provided when the respective applications made. Running Final Account statements are clearly identified at agreed intervals. We fully believe this protects both ourselves, and our respective clients, in achieving a mutually satisfactory conclusion to each individual project, whatever the value.

We have, as part of our Project Management tools, industry standard software to produce, track and monitor project progress. Initially producing overall programmes for Design release, Procurement, Critical Path Analysis and Construction processes and progress. This we have experienced via “Drop Line” charts can give an accurate and true record of how a Project is progressing for both Clients and ourselves alike i.e. “No Surprises”.



Additional duties we have recently been involved with, as our business has developed, has been the production of Management Tools to enable the respective Contractors / Clients to monitor and control the project Commissioning and Testing. The recent projects we have been involved have had a high degree of Integrated Services Testing (IST). We have produced Commissioning Management Logic Flow Charts and IST Management Plans to enable the Clients and Contractors to fully understand basically “Where they should be and when”.

Through our own past experiences we have learnt, that although there are some very capable Contractors within the market place and indeed Clients whom fully understand what they want, we feel that there is a void between the two parties.

The Client cannot always portray their true requirements and the Contractor sometimes does not fully understand the ramifications of the requirements. NES through its experience can provide a professional service to “bridge that gap”, during, Services Design, Project Management, Services Installation and Project Completion.

Providing a mutually beneficial service to ensure all parties are fully recognized and happy.

All the documentation we produce is clearly laid out in recognizable formats and fully flexible for all to utilize to achieve the common goals we all aspire too.

Thank you for taking the time to read our brochure and this information is fully published and enhanced upon our website [www.northbankeng.co.uk](http://www.northbankeng.co.uk) (currently under construction)



## **.05            Health & Safety Policy Statement**

NES Ltd's company Health & Safety Policy is primarily published for information to all off our company employees to meet and maintain the duty imposed on every individual by the Health & Safety at Work Act 1974.

NES Ltd has an inherent commitment to Health and Safety issues and it is the policy of the company to ensure, so far as reasonably practical, the Health, Safety and welfare of all our employees and others who may be directly effected by our activities.

The main document NES/H&Sdoc.Issue Jan 2002, which is available upon request comprises of a fully documented and updated Health & Safety Policy, structured to include details of our organisation and its personnel, rules and procedures and the correct identification and assessment of all hazards and their associated risks together with precautionary and control measures.

The effectiveness of such measures must always depend upon the cooperation and active support of all employees. We actively undertake regular seminars at our head office and weekly "Tall Box Talks" at Site Level.

All of our supervisory staff has an undertaking to ensure that the works are carried out strictly in accordance with our H&S procedures. This commitment ensures that appropriate action will be promptly to assess and control risk.

NES employ the services of an independent H&S inspector to fully assess each individual project / risk and all information is produced in handouts or booklets for each respective project for all employees on the project to understand, sign and agree to prior to working on the project.

We maintain Site Inspections on a monthly basis, to ensure our procedures are in place and our employers are maintaining a safe site. The inspection interval is totally open and will vary on specific projects.

NES H & S policy is constantly being upgraded to suit the varying risks and issues encountered, by means of constant employee dialogue we can ensure that we can provide a safe working environment for our employees and indeed the environment they are required to work in is a safe and assessed environment.

All N.E.S. current operatives hold CSCS Health & Safety in Construction Skill Cards



## **.06            Environmental Policy Statement**

NES has a firm personal belief and legal commitment to strictly comply with both the 1990 Environmental Policy Act and the 1994 Montreal Pact for the reduction in Ozone Depletion

NES has prepared an Environmental Policy that reflects the nature of its activities.

The formalisation of the company's environmental procedures will be designed to integrate fully the Company's Quality Management System which is registered to BS EN ISO 9001:2000

### **Operations**

The Company's objective is to balance the need to achieve its business aims with the need to satisfy society's rising environmental aspirations and to improve the quality of the environment in the local communities which may be affected by its operations.

### **Management Responsibilities**

The primary responsibility for implementing the policy lines with Line Management, that is with Project Engineers / Contract Managers. The Company's Quality and Safety Manager, reporting directly to the Managing Director, will provide specialist advise to Line Management.

### **Line Management Responsibilities**

The Project Engineer / Contracts Manager is charged with the responsibility for implementing the Company's environmental policy. He may delegate to nominated members the day-to-day responsibility for the environment of the works. He is responsible for ensuring that:

- A high standard of housekeeping is maintained at the works and where possible take steps to reduce odour, dust, atmospheric pollution and other impacts thereby avoiding complaints arising out of operations on the works.
- In planning the operations of the works the social and environmental consequences are considered.



- The site is kept a clean and tidy manner and maintaining a high standard of appearance at the site.
- The workforce is regularly informed of the environmental conditions at the site and is trained to operate the equipment and is involved in any proposed changes
- Any complaints regarding work operations are dealt with fairly and promptly, and that details of the investigation and the action taken are recorded in a complaint's register and reported back to the complainant.
- There is continual improvement in environmental performance
- Significant environmental impacts caused by Company operations are reduced.

### **Waste Materials**

In respect of any waste materials generated at its sites, the Company will:

- Dispose of all effluents and waste in accordance with the relevant requirements.
- Research into methods of reducing the quantity produced
- Promote the recycling of material compatible with all considerations of safety.

### **Accountability**

The Company policy is to ensure that the highest practicable standards of environmental management are achieved at their sites.

The Company will undertake a process of auditing at all its sites, covering all quality, pollution control, environmental management and general housekeeping. To ensure commitment and adherence to all current / relevant environmental legislation.

### **Procurement and Supply**

Northbank Engineering Services will:



- Pursue a policy of economic salvage, recycling and refurbishment of equipment and materials to maximise utilisation and life and so reduce environmentally costly wastage and the unnecessary consumption of resources.
- Facilitate and require the use of diesel or unleaded petrol in all its vehicles
- Initiate a review of purchasing specifications to determine the potential for use of less environmentally harmful products.

### **Support**

The Company's objective is to support the implementation of the Environmental Policy through technical services and regular environmental training and to promote a greater dissemination of environmental information to its employees.

### **Policy Review**

The Company will ensure, through the Managing Director, that this policy is subject to a process of regular reviews so that account is taken of development in legislation, technology and the rising aspirations of society as they affect the environment.

### **Responsibility**

Responsibility for implementing this policy rests with the under signed, but the commitment to achieving these objectives is shared by all Northbank Engineering Services Ltd.



## **.07      Quality Assurance**

### **Quality Policy**

The Quality Assurance Manual defines the organisation and management requirements for the implementation and maintenance of our quality system.

The Company requires its quality management system to be maintained to the latest edition of ISO 9001:2000, and that within the system all persons in the organisation endeavour to ensure that the company's service's are;

- a.      Fit for purpose for which they are designed.
- b.      Adequate and reliable in the performance of their duties, and are inherently safe for use for which they are designed and installed
- c.      Meet the Client's specified and expected standards

These objectives are attained by ensuring that all procedures through the functions of marketing, design, procurement, installation, test and inspection are properly controlled and monitored, and by aiming to achieve a service that meets the specified requirements in an efficient and economic sequence of activities and processes that are right first time.

The understanding, implementation and maintenance of the Company's quality policy and objective is required of all persons through all levels of the organisation.

Everyone within the firm is responsible for the quality of the work they perform, whether the work be directly associated with the company' services or not. To all personnel is delegated both the defined responsibility and the authority to identify and evaluate quality problems and to initiate, recommend and provide efficient solutions in relation to the process or installation hey control.

The appointed Quality Assurance manager is delegated the authority to identify and evaluate quality problems and to initiate, recommend and provide effective solutions in relation to the processes or installation they control.

To the appointed Quality Assurance Manager is delegated the authority and responsibility for ensuring that the requirements of the Quality Assurance Manual and Company procedures are implemented and maintained throughout the company.



Our internal operating procedures are currently in place for the following areas of our business.

- Office Administration Procedures
- Estimation Procedure
- Purchasing and procurement
- Project Planning and progress reporting Procedures
- Financial Control and Accounting Procedures
- Health and Safety Procedures
- Operation and Maintenance production procedures
- Continued Professional Development procedures



## **.08        C.P.D. & Training**

NES has long been an advocate of “ you are only as good as your people carrying out the work” and they can only be expected to achieve the standards of excellence expected if the Directors advocating it are equal to the task!

We are fully committed to Continued Professional Development in both our Staff and ourselves.

We have both undertaken extensive C.P.D. over a number of years and feel our past investments shall be rewarded in the advice and encouragement to our employees to fully keep abreast of developing trends and practices as well as refresher courses in areas where complacency may creep in.

All N.E.S. current operatives hold CSCS Health & Safety in Construction Skill Cards.

N.E.S. have employed 2# Electrical Apprentice’s whom we are assisting with their Practical and Academic qualifications



## **.09      Client List**

A selection of our past and current Clients are listed below and contacts can be supplied should references be required.

- Structure Tone U.K. Ltd
- Elyo Services
- Maxwell Stewart
- Credit Suisse First Boston
- Arup Project Management
- Scil Interiors
- Johnson Controls
- Tolent Construction
- Interior Design Management Ltd.
- London Borough of Tower Hamlets
- Royal Bank Of Scotland
- HSBC
- State Street Bank
- Fireclad
- Lazard
- Interior Avenue
- Sea Containers Ltd.
- ING Bank



## **.10 Projects**

### **Northbank Engineering Services Ltd Building Services Design**

N.E.S are a Design & Build Building Services Contractor and have been successfully trading since 2001.

We have been involved with various projects and we detail below our recent projects, which explain our capabilities

<b>Project</b>	<b>Client</b>	<b>Location</b>	<b>Description</b>
Tower Place	Stern Inc	Tower Hill	Lighting, Sprinklers and Ventilation upgrade
21 St James Sq	State Street Bank	Mayfair	2 Floors M, E, P Refurbishment, occupied building
Norfolk House	Royal Bank Scotland	Norwich	M, E, & P Fit out, 5 floors total refurbishment during occupation
Mace H.Q. Business Centre	Mace /Fireclad	Camden Town	Fast Track Ground Floor Fit out
Complete BMS and Control Panel Upgrade	Sea Containers / Johnson Controls.	Blackfriars	Swap out of the existing BMS and Control Panels within an occupied Building.
11 Upper Brook St	Jamplam / Interior Avenue	Mayfair	New Build extension and refurbishment Office. Full M.E. & P Design and Build
OXO Tower	Elyo / Coin St	Blackfriars	Fan replacements to Tower
British Library	British Library / Structuretone	St Pancras	Business and Intellectual Property Centre Full M.E. & P Design and Build



This brochure is currently being updated to describe our current activities and recent developments:

To précis these, in advance, of the update we briefly describe below:

**a) Maintenance – Property Care**

We have recently undertaken a Maintenance Contract for Tower Hamlets Borough Council. This involves the day-to-day care of 87 Tower Blocks within the borough.

The duties are Planned Maintenance of Boilers and Water Pumps sets  
Call Out to individual dwellings for Mechanical Services  
Out of Hours (24/7/12) for both the above

We have 4 mobile engineers in fully equipped Vans on duty to deal with this project.

**b) Building Management Systems – Environmental Controls**

We have developed our internal Controls Installation operations and are currently undertaking the complete Controls Installation including Control Panel Build and Engineering and Software

We currently have completed 6 individual projects with B.T. Refurbishment of Boilerhouse Controls and Panels

**c) Office Refurbishment**

Our core business is now “Fittout” / “Refurbishment” of Office accommodation. We fully understand the demands and requirements of the “Fast Track” programme / time scales.

The company has developed, such that we can service this market, both in terms of Cash Flow and adequate resource.