

Lot I BOP

PROPOSED REPLACEMENT OF RISER BOARD AND ASSOCIATED WORKS AT ELECTRICITY HOUSE NAIROBI.

BILL No. 1		Shs.
PRELIMINARIES		
A	<u>PRELIMINARY PARTICULARS</u>	
	<u>NAME OF PARTIES</u>	
	The "Employer" is : Kenya Power & Lighting Co. Ltd P.O. Box 30099 - 00100 <u>NAIROBI</u>	
	The term "Employer" and "Kenya Power" and "Kenya Power & Lighting Co. Ltd" wherever used in the contract document shall be synonymous	
	The "Project Manager" is : The Manager, Administration & Property, HR& Administration Kenya Power & Lighting Co. Ltd P.O. Box 30099 - 00101 <u>NAIROBI</u>	
B	The "Project Officer" is : The Kenya Power Projects Officer Administration & Property, HR& Administration Kenya Power & Lighting Co. Ltd P.O. Box 30099 - 00101 <u>NAIROBI</u>	
	The "Project Quantity Surveyor" is : The Kenya Power Quantity Surveyor, Administration & Property, HR& Administration Kenya Power & Lighting Co. Ltd P.O. Box 30099 - 00101 <u>NAIROBI</u>	
	<u>DESCRIPTION OF SITE</u>	
C	The site is located within Nairobi CBD at Electricity house , along Harambee Avenue between Agakhan walk and shakadas & Cargen Buildings. All access roads are tarmacked.	
	The Contractor shall visit the Site to acquaint himself with its nature and position, the nature of the ground, substructure and other local conditions, position of power and water supplies, access roads or any other limitations, and no claims for extras will be considered on account of lack of knowledge in this respect.	
	The Contractor must obtain the Project Manager's approval for the siting of temporary buildings , spoils heaps and directions regarding the use of any materials found on the site.	
C	<u>ACCESS TO SITE</u>	
	Access to site shall be as directed by the Project Manager. The Contractor shall strictly observe National police service, NTSA and County Government of Nairobi regulations regarding traffic movement.	
Preliminaries Carried to collector		KShs.

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21/05/2024

		Shs.
A	<p><u>WORKING AND STORAGE SPACE</u></p> <p>Working and storage space will be confined to the area designated by the Project Manager within the site.</p>	
B	<p><u>WORKING HOURS</u></p> <p>The Work must be carried out to cause the minimum inconvenience to the occupants of the adjoining premises. In particular, no hammering, mechanical drilling or other unduly noisy work may be commenced before 8.00 a.m. or continued after 6.00 p.m. without prior approval of the Project Manager.</p>	
C	<p><u>DESCRIPTION OF THE WORKS</u></p> <p>Works shall generally consist of :-</p> <ul style="list-style-type: none"> a) Replacement of existing riser board , c) Supply and installation of DBS d) Test and Commissioning e) All associated Builders works . 	
D	<p><u>APPROVAL OF THE DRAWINGS</u></p> <p>The contractor will provide proposed certified working drawings to be prepared with full site understanding as to how the existing cables will be terminated into the proposed positions of the various outgoing circuite breakers. The Contractor shall furnish 3 copies of the drawing within the first three weeks of site take over and before work commences to the Project Manager for his approval or rejection, Such approved drawings 2 copies shall be filed and kept on site and one copy to to project managers office.</p>	
Preliminaries	Carried to collector	KShs.

		Shs.
	<u>GENERAL MATTERS</u>	
A	<u>SUFFICIENCY OF TENDER</u> The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the works and of the rates and prices stated in the Priced Bills of Quantities, which rates and prices shall cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the Works.	
B	<u>STAMP CHARGES</u> The Contractor shall allow for the payment of all Stamp Charges in connection with the Surety and Contract Agreement.	
C	<u>DEFINITIONS AND ABBREVIATIONS</u> Terms used in these Bills of Quantities shall be interpreted as follows: <p>"Approved" Shall mean approved by the Project Manager.</p> <p>"as directed" Shall mean as directed by the Project Manager.</p> <p>"B.S." Shall mean the current British Standard specifications published by the British Standards Institution, 2 Park Street, London W.I., England.</p> <p>"CM." Shall mean Cubic Metres.</p> <p>"SM." Shall mean Square Metres.</p> <p>"LM." Shall mean Linear Metres.</p> <p>"MM" Shall mean Millimetres.</p> <p>"KG." Shall mean Kilogramme.</p> <p>"NO." Shall mean Number.</p> <p>"M.S" Shall mean Measured Separately</p> <p>PRS or Prs Shall mean Pairs</p> <p>a.b.d Shall mean as before described</p> <p>Ditto or Do Shall mean the whole of the preceding description except as qualified in the description in which it occurs</p> <p>NTSA Shall mean National Transport & Safety Authority</p> <p>NPS National Police Service</p>	
	Preliminaries	
	Carried to collector	
	KShs.	

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A	<p><u>PROGRESS SCHEDULE</u></p> <p>The Contractor shall, upon receiving instructions to proceed with the Work, draw up a time and progress Schedule setting out the order in which the Works are to be carried out with the appropriate dates thereof. This Time and Progress schedule is to be agreed with the Project Manager and no deviation from the order set out in this Schedule will be permitted without the written consent of the Project Manager. The Main Contractor will be responsible for arranging the above programme with all Sub-Contractors including the Nominated Sub-Contractors and Nominated Suppliers.</p>		
B	<p><u>FIGURED DIMENSIONS</u></p> <p>Figured dimensions are to be followed in preference to dimensions scaled from the Drawings; but wherever possible dimensions are to be taken on the Site or from the Buildings. Before any Work is commenced by Sub-Contractors or Specialist Firms, dimensions must be checked on the Site and/or buildings and agreed with the Contractor, irrespective of the comparable dimensions shown on the Drawings. The Contractor shall be responsible for the accuracy of such dimensions.</p>		
C	<p><u>PROVISIONAL WORK</u></p> <p>All "Provisional" and other work liable to adjustment under this Contract shall be left uncovered for a reasonable time to allow all measurements needed for such adjustment to be taken by the Quantity Surveyor. Immediately the work is ready for measurement, the Contractor shall give notice to the Quantity Surveyor.</p> <p>If the Contractor makes default in these respects he shall, if the Project Manager so directs, uncover the work at his own expense to enable the measurements to be taken.</p>		
D	<p><u>EXISTING SERVICES</u></p> <p>Prior to commencement of any work the Contractor is to ascertain from the relevant Authorities the exact position, depth and level of all existing electric cables, water pipes or other services in the area and he shall make whatever provisions may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Project Manager and the relevant Authority and shall be made good to their satisfaction at the Contractor's expense.</p>		
E	<p><u>TRANSPORT TO AND FROM THE SITE</u></p> <p>The Contractor shall include in his prices for the transport of materials workmen, etc., to and from the Site of the Proposed Works, at such hours and by such routes and vehicles as are permitted by the Authorities and in particular by the Transport Licensing Board and / or the National Transport & Safety Authority.</p>		
F	<p><u>PUBLIC AND PRIVATE ROADS, PAVEMENTS, ETC</u></p> <p>The Contractor will be required to make good, at his own expense any damage he may cause to the present road surfaces and pavements within or beyond the boundary of the Site, during the period of the Works. In particular, all existing trees, shrubs, plants. etc., which may be destroyed or damaged during the progress of the Works are to be made good by the Contractor to the approval of the Project Manager.</p>		
Preliminaries			Carried to collector KShs.

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A	<p><u>POLICE REGULATIONS</u></p> <p>The Contractor is to allow for complying with all instructions and regulations of the police Authorities.</p>	
B	<p><u>ENVIRONMENTAL REGULATIONS</u></p> <p>The Contractor shall observe all the requirements of the National Environment Management Authority (NEMA) and especially those conditions given in the Project's Environmental Impact Assessment Report Approval by NEMA. The shall collaborate with the Environmental Impact Assessment (EIA) expert to ensure that , proposed mitigation measures are adhered to during construction phase and where necessary appropriate mending up activities undertaken and the same reported back to NEMA as required.</p> <p>In particular the Contractor shall give special emphasis to control dust. The contractor shall provide all necessary The Contractor shall put emphasis on controlling noise, vibrations and occupational hazards. The provisions of</p>	
C	<p><u>CONTRACTORS' SUPERINTENDENCE</u></p> <p>The Contractor shall constantly keep on the Works a literate English-speaking Agent or Representative, competent, NCA accredited and experienced in the kind of work involved, who shall give his whole time to the superintendence of the Works. Such Agent or Representative shall receive on behalf of the Contractor, directions and instructions from the Project Manager and such directions and instructions shall be deemed given to the Contractor in accordance with the conditions of the Contract. The Agent shall not be replaced without the specific approval of the Project Manager.</p> <p>It is to be a specific condition of this Contract that the successful Tenderer shall provide on Site throughout the period of construction until the Date for Practical completion a suitably qualified, experienced and competent person to ensure that the works are carried out to the standard required by the specification and detailed on the Drawings; and shall ensure that upon any termination of employment a suitable replacement is found.</p> <p>Such site superrintendent shall have a National Construction Authority's accreditation.</p> <p>Before the Tenderer's offer is accepted the Project Manager may personally interview the Contractor's proposed Representative.</p> <p>A curriculum vitae of past experience and qualifications must be provided for the Project Manager's scrutiny.</p> <p>The Project Manager's decision will be final regarding the suitability of the proposed Representative.</p>	
D	<p><u>WATER</u></p> <p>All water shall be fresh, clean and pure, free from earthy, vegetable or organic mater, acid or alkaline substances in solution or suspension. The Contractor shall provide at his own risk and cost all water for use in connection with the Works (including the work of Sub-Contractors). The Contractor shall provide at his own expense all temporary distribution pipes, storage tanks, metres, etc., and he shall clear away same upon completion of the Works.</p>	
	<p>Preliminaries Carried to collector KShs.</p>	

		Shs.
A	<p><u>LIGHTING AND POWER</u></p> <p>The Contractor shall provide at his own risk and cost all artificial lighting and power for use on the Works, including all Sub-Contractors' and Specialists' requirements and including all temporary connections, wiring, fittings, etc., and clearing away on completion. The Contractor shall pay all fees and obtain all permits in connection therewith.</p>	
B	<p><u>SAFETY</u></p> <p>The Contractor shall comply at all times with the requirements of the Factory Act (Cap 514), Building Construction Rules, Supplement 18, Legal Notice No.40 dated April, 1984 and ensure that the safety of his workpeople and authorised visitors to the Site is protected at all times. In particular there shall be proper provision of planked footways and guard-rails to scaffolding, etc., protection against falling materials and tools and the Site shall be tidy and clear of dangerous rubbish.</p> <p>The Contractor shall appoint a safety officer as required by the Factory Act and notify the Factory Inspector of his name. the safety Officer shall be on Site at all times and all directions given by the Project Manager to the Safety Officer shall be deemed to be Project Manager's Instructions, and shall be complied with promptly without additional cost to the contract.</p> <p>Occupational Safety and Health Act no. 15 of 2007 must also be complied with. The Project Manager shall be empowered to suspend work on the Site should he consider these conditions are not being observed, and no claim arising from such suspension will be allowed.</p>	
C	<p><u>PROTECTIVE CLOTHING</u></p> <p>The Contractor shall provide all protective or any other special clothing or equipment for his employees that may be necessary.</p> <p>This shall include, inter-alia, safety helmets, gloves, goggles, earmuffs, gumboots, overalls, etc., according to the type of work. The Contractor shall ensure that safety helmets are worn by all staff at all times.</p>	
D	<p><u>PROVISIONAL SUMS</u></p> <p>The term "Provisional Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A Item A7(i) of the Standard Method of measurements. Such sums are net and no addition shall be made to them for profit.</p>	
E	<p><u>ADJUSTMENT OF PROVISIONAL SUMS</u></p> <p>In the final account all provisional sums shall be deducted and the value of the work properly executed in respect of them upon the Project Manager's order added to the contract sum. Such work shall be valued as described for variations in variation clause of the conditions of contract, but should any articles for the work be executed by a Nominated Sub-Contractor, or any articles for the work be supplied by a Nominated Supplier, the Value of such work or articles shall be treated as a P.C. sum and profit and attendance comparable to that contained in the priced Bills of Quantities for similar items added.</p>	
F	<p><u>PRIME COST (OR P.C.) SUMS</u></p> <p>The term "Prime Cost Sum" or "P.C. Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A item A7(ii) of the Standard Method of Measurements.</p> <p>Persons or firms Nominated to execute the work or to provide and fix materials or goods as stated in the Conditions of Contract are described herein as Nominated Sub-Contractors. Persons or firms so nominated to supply goods or materials are described as Nominated suppliers.</p>	
	<p>Preliminaries Carried to collector KShs.</p>	

Rem.
2/05/2024

LOT I

**PROPOSED REPLACEMENT OF RISER DISTRIBUTION BOARDS AND
ASSOCIATED BUILDING REPAIRS FOR ELECTRICITY HOUSE NAIROBI.**

ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	BILL No. 3 BUILDERS WORKS- PROPOSED BUILDING REPAIR WORKS <u>ELEMENT 1</u> <u>DEMOLITIONS AND ALTERATIONS (All Provisional)</u> <u>The items of demolitions and removal shall include making good disturbed areas to match existing and loading and carting away debris unless otherwise</u>				
A	Carefully remove existing broken and worn out wooden door leaves size 1900x500; including all fixing accessories and making good disturbed works and preserve on site as directed and instructed by the project manager and replace with new ones M/S .	5	No		
B	Ditto double leaf size 1900x1840.	4	No		
C	Carefully remove cable duct wooden flush door leaves size 1900x500 and allow for transportation to factory for lamination and refitting as necessary measured seperately	12	No		
	TOTAL FOR DEMOLITION AND ALTERATIONS CARRIED TO SUMMARY				

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BW / 1

ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>NEW WORKS</u>				
	<u>ELEMENT No. 2</u>				
	<u>DOORS</u>				
	<u>TIMBER DOORS</u>				
	<u>Hard wood (Camphor) timber door to details of the project manager</u>				
A	40mm thick one and half fire rated solid core flash door single leaf 500x1950mm overall camphor veneered both sides with liping excluding frames.	5	No.		
B	Ditto but 45mm thick double leaf size 1620x2560mm with lipped leaf rebated with security astragal.	4	No		
C	Take delivery on site the recovered 40mm thick duct flash doors size 500x1950, factory laminate with water proof material bench in colour (formica or equivalent) exterior side including; re- lipping, 3No batt hinges M/s and fixing in position to project manager's approval.	12	No		
	<u>Iron mongery</u>				
	<u>Supply and fix the following to UNION catalogue or other equal and approved</u>				
	<i>To softwood, hardwood or the like fixing with screws</i>				
D	50mm brass butt hinges	18	prs		
	<u>Painting and Decorations</u>				
	<u>On wood</u>				
	<u>Prepare and apply one undercoat Two finishing coats first grade varnish (Polyurethane clear varnish - gloss) to wood surfaces.</u>				
E	Backs of frame, architraves, etc over 100mm but not exceeding 150mm girth	105	lm		
F	General surfaces of timber doors over 300mm girth; both surfaces.	154	sm		
	TOTAL FOR DOORS CARRIED TO SUMMARY				

Contractor's Official rubber stamp and Signature:...

NRB

Rem.
21052024

BW / 2

ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	<u>ELEMENT No. 3</u> <u>METAL WORKS.</u> <u>PURPOSE - MADE UNITS</u> <u>Meter box complete with hinges, glass panes and sheet</u> <u>metal hoods etc assembled and fixed to including cutting</u> <u>and pinning lugs to concrete or block work souround and</u> <u>bedding frame in cement and mortar (1.4) steel box</u> <u>comprising 25x25x3mm framing, 12mm thick wooden</u> <u>ligning and all primed with grey oxide .</u>				
A	3000 x2000x500mm (LxWxD) meter box complete 25x25x3mm angle frame , 2mm thick plain sheet infill ,3x150mm lockable tower bolts. <u>Painting and Decorations</u> <u>On Metal work</u> <u>Prepare and apply one under coat (metal primer) and</u> <u>two coats finishing coats (super gloss) to Crown Solo or</u> <u>other equal and approved to: -</u>	1	No		
B	General surfaces of metal meter box over 300mm girth; both surfaces.	34	SM		
	TOTAL FOR METAL WORKS CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	ELEMENT No. 4				
	<u>PAINTING AND DECORATING</u>				
	<u>On Rendered wall surfaces.</u>				
	<u>Prepare and apply one undercoat and Two finishing coats first grade plastic emulsion paint to:</u>				
A	Rendered walls , columns and beams Internally - vinyl matt	180	sm		
B	Vinyl silk to rendered walls , columns and beams Internally	180	sm		
	<u>On Metal work</u>				
	<u>Prepare and spray two coats finishing coats (super gloss) to Crown Solo or other equal and approved to: -</u>				
C	General surfaces of metallic cable truncking over 300mm girth; both surfaces.	43	sm		
	TOTAL FOR PAINTING AND DECORATION CARRIED TO SUMMARY				

Contractor's Official rubber stamp and Signature:...

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2/05/2024

BW / 4

ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	SUMMARY PAGE				
ELEMENT NO.	DESCRIPTION		PAGE NO.	K.SHS.	
1	DEMOLITIONS AND ALTERATIONS		BW/ 1		
2	DOORS		BW / 2		
3	METAL WORKS		BW / 3		
4	PAINTING AND DECORATION		BW / 4		
TOTAL FOR BUILDERS WORKS IN CONNECTION WITH SPECIALISED WORKS CARRIED TO PRIME COST SUM AND PROVISIONAL SUM PAGE 2.					

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BW / 5

PRIME COSTS & PROVISIONAL SUMS

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21/05/2024

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMNT
A	<u>Allow the following PROVISIONAL SUM to be expended in whole or in part upon the directions of the PM</u> Contingences Kenya Shillings THREE HUNDRED FOURTY FIVE THOUSANDS, SEVEN HUNDRED THIRTY SIX (KShs. 345,736.00)only for contingencies <u>PRIME COST SUMS</u> <u>Allow for the following PRIME COST SUMS for works to be executed by a domestic sub-contractor</u> Builders works	1	ITEM	345,736	345,736.00
B	Kenya Shillings. From builders works carried forward from page BW/5.	1	ITEM		
C	Allow for Attendance		ITEM		
D	Allow for profits and over heads		%		
	TOTAL FOR PROVISIONAL COST AND PRIME COST CARRIED TO GRAND SUMMARY				

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PC/2

Rev.
21/05/2024

PROPOSED REPLACEMENT OF RISER DISTRIBUTION BOARD AND ASSOCIATED WORKS AT ELECTRICITY HOUSE NAIROBI

GRAND SUMMARY

BILL NO.	DESCRIPTION	Page No.	K.SHS.	CTS.
A	Preliminaries .	PRELIM/14		
B	Electrical works	E.W/14		
C	Prime cost & Provisional Sum.	PC/2		
	Sub-Total VAT exclusive			
	Add 16% VAT			
GRAND TOTAL TENDER SUM (VAT INCLUSIVE)				

Amount In Words:

Kenya Shillings:.....

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Name of Contractor:.....

Signature:.....

Date:.....

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2/05/2024

Lot I - Nairobi

BILL No 2						
ELECTRICAL WORKS						
PRICE SCHEDULE-ELECTRICAL WORKS						
CATEGORY A-ELECTRICITY HOUSE NAIROBI						
ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
LOT 1:	SUPPLY & INSTALLATION OF RISER BOARDS & ACCESSORIES					
A	GENERAL ITEMS					
A/1	Allow for the inspection of the Riser LV and meter boards, decommissioning, disconnection of the existing boards and services and handing over to the client with signed delivery note, modifications and replacement of any accessories such as cable glands and lugs etc.	Lot	1			
A/2	Allow for the preparation of all "As Built – one line diagrams" drawings after testing and commissioning	Set	2			

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A/3	The Tenderer is to describe hereunder inserting any relevant clause number, any other works, obligations or items that may be referred to in the Conditions of Contract, Specification, Drawings or Data Schedule in respect of the works for which he desires to enter a separate charge (this charge is to be entered in the Amount column). If no charge is entered hereunder, rates and amounts elsewhere in the schedule of prices shall be deemed to cover all expenses for such works, obligations or items.	Lot	1			
TOTAL FOR GENERAL ITEMS CARRIED TO SUMMARY						

 21/5/2024

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ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
B	RISERS DISTRIBUTION BOARDS REFURBISHMENT					
B/1	Decommissioning of existing Distribution boards, Fuses and tiding the risers, Painting	Lot	1			
B/2	Tracing of line and ensuring retouch of existing circuits and labelling to detailed.	Lot	1			
B/3	Making good all electrical wiring and electrical fittings, Labelling of all circuits	Lot	1			
carried to collection						

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ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
B/4	SUPPLY AND INSTALLATION OF DBS					
B/4.1	UCHUMI WING					
B/4.1.1	FIRST FLOOR					
B/4.1.1.1	LIGHTING DBL1					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 415v, 50hz	No.	1			
	Contactors 20A	No.	6			
	Control fuse 15A	No.	1			
	5A	No.	24			
	10A	No.	3			
	12.5A	No.	1			
B/4.1.1.2	SOCKETS DBP1					
	12 way TPN DBs 100A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 415v, 50hz	No.	1			
	Double pole 100A	No.	1			
	carried to collection					

Contractor's Official Rubber stamp and Signature:

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ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
	20A	No.	3			
	30A	No.	14			
B/4.1.2.	2 ND FLOOR					
B/4.1.2.1	LIGHTING DBL2					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	6			
	Control fuse 15A	No.	1			
	5A	No.	20			
	7.5A	No.	1			
	10A	No.	5			
	15A	No.	2			
B/4.1.2.2	SOCKETS DBP2					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Double pole 60A	No.	1			
	Double pole 100A	No.	2			
	15A	No.	3			
	carried to collection					

Contractor's Official Rubber stamp and Signature:.....

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ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
	30A	No.	18			
B/4.1.3	THIRD FLOOR					
B/4.1.3.1	LIGHTING DBL3					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 415v, 50hz	No.	1			
	Contactors 20A	No.	6			
	Control fuse 15A	No.	1			
	5A	No.	12			
	10A	No.	14			
	15A	No.	1			
B/4.1.3.2	SOCKETS DBP3					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	carried to collection					

Contractor's Official Rubber stamp and Signature:

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Contractor's Official Rubber stamp and Signature:.....

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ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
B/4.1.4.2	SOCKETS DBP4					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Double pole 3P 30 A CB	No.	1			
	Double pole 3P 100 A CB	No.	1			
	30A	No.	13			
B/4.1.5	FIFTH FLOOR					
B/4.1.5.1	LIGHTING DBL5					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	4			
	Control fuse 15A	No.	1			
	5A	No.	12			
	7.5A	No.	1			
	10A	No.	4			
	20A	No.	1			
carried to collection						

Contractor's Official Rubber stamp and Signature:

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21/5/2024

E.W/8

ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
B/4.1.5.2	SOCKETS DBP5					
	12 way TPN DBs 125A 4P Isolators at 415V/ac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Double pole 2P 100 A CB	No.	1			
	30A	No.	10			
	Carried to collection					
B/4.1.6	SIXTH FLOOR					
B/4.1.6.1	LIGHTING DBL6					
	12 way TPN DBs 125A 4P Isolators at 415V/ac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	4			
	Control fuse 15A	No.	1			
	5A	No.	16			
	10A	No.	2			
	15A	No.	2			
	carried to collection					

Contractor's Official Rubber stamp and Signature:.....

NRB.

21/5/24

E.W/9

ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
B/4.1.6.2	SOCKETS DBP6					
	12 way TPN DBs 100A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A CB	No.	1			
	Double pole switch 2P 100 A	No.	1			
	30A	No.	10			
B/4.1.7	SEVENTH FLOOR					
B/4.1.7.1	LIGHTING DBL7					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	4			
	Control fuse 15A	No.	1			
	5A	No.	13			
	10A	No.	5			
	20A	No.	1			
carried to collection						

Contractor's Official Rubber stamp and Signature:.....

NRB.

Delby
21/5/2024

E/W/10

ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
B/4.1.7.2	SOCKETS DBP7					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Double pole 60 A 2P	No.	1			
	Double pole 100 A 2P	No.	1			
	30A	No.	8			
B/4.1.8	EIGHTH FLOOR					
B/4.1.8.1	LIGHTING DBL8					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	1			
	Control fuse 15A	No.	1			
	5A	No.	17			
	7.5A	No.	1			
	10A	No.	5			
B/4.1.8.2	SOCKETS DBP8					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	carried to collection					

Contractor's Official Rubber stamp and Signature:.....

NRB.

Spelt
21.5.2024

E.W/11

ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
	Isolator 60A, 500v, 50hz	No.	1			
	Double pole 3P 30 A CB	No.	1			
	Double pole 2P 100 A CB	No.	1			
	5A	No.	2			
	20A	No.	2			
	30A	No.	5			
	50A	No.	2			
B/4.2	HARAMBEE					
B/4.2.1	FIRST FLOOR					
B/4.2.1.1	LIGHTING DBL1					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	7			
	Double pole Switch 100A 3P	No.	1			
	Double pole Switch 100A 2P	No.	1			
	5A	No.	21			
	10A	No.	11			
	15A	No.	4			
	20A	No.	2			
	30A	No.	18			
B/4.2.1.2	SOCKETS DBP1					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	carried to collection					

Contractor's Official Rubber stamp and Signature:.....

NRB.

21/5/2024

E.W/12

ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
	Double pole Switch 60A 3P CB	No.	1			
	Double pole Switch 5A MCB	No.	1			
	Double pole Switch 40A 3P	No.	1			
	Double pole Switch 5A CB 3P	No.	1			
	Double pole Switch 20A 3P	No.	1			
	30A	No.	9			
B/4.2.2	2 ND FLOOR					
B/4.2.2.1	LIGHTING DBL2					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	4			
	Control fuse 15A	No.	1			
	Double pole Switch 100A 2P ISO	No.	1			
	5A	No.	13			
	7.5A	No.	2			
	10A	No.	2			
	15A	No.	2			
	30A	No.	5			
B/4.2.2.2	SOCKETS DBP2					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	carried to collection					

Contractor's Official Rubber stamp and Signature:.....

NRB.

Selly
21/7/2024

E.W/13

ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
	Isolator 60A, 415v, 50hz	No.	1			
	Double pole 30A CB	No.	1			
	Double pole 100A	No.	1			
	5A	No.	9			
	10A	No.	3			
	30A	No.	6			
B/4.2.3	THIRD FLOOR					
B/4.2.3.1	LIGHTING DBL3 12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of: Tap off fuse 60 A	No.	1			
	Isolator 60A, 415v, 50hz	No.	1			
	Control fuse 15A	No.	3			
	Double pole 100A	No.	1			
	5A	No.	16			
	10A	No.	4			
	15A	No.	2			
	30A	No.	1			
B/4.2.3.2	SOCKETS DBP3 12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of: Tap off fuse 60 A	No.	1			
	Isolator 60A, 415v, 50hz	No.	1			
	Contactors 20A	No.	3			
	Double pole 63A CB	No.	1			
	5A	No.	10			
	10A	No.	2			
	15A	No.	4			
	30A	No.	7			
	carried to collection					

Contractor's Official Rubber stamp and Signature:.....

NRB.

21/5/2024

E.W/14

ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
B/4.2.4	FOURTH FLOOR					
B/4.2.4.1	LIGHTING DBL4					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	4			
	Control fuse 15A	No.	1			
	Double pole 100 A	No.	1			
	5A	No.	14			
	10A	No.	4			
	15A	No.	2			
B/4.2.4.2	SOCKETS DBP4					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	3			
	Double pole 100 A 2P	No.	3			
	5A	No.	8			
	10A	No.	4			
	30A	No.	10			
	carried to collection					

Contractor's Official Rubber stamp and Signature:.....

NRB.

Sehly
21/12/2024

E:W/15

ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
B/4.2.5	FIFTH FLOOR					
B/4.2.5.1	LIGHTING DBL5					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	4			
	Control fuse 15A	No.	1			
	5A	No.	14			
	10A	No.	3			
	15A	No.	1			
	20A	No.	1			
B/4.2.5.2	SOCKETS DBP5					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Double pole Switch 63 A CB	No.	1			
	5A	No.	3			
	30A	No.	5			
	50A	No.	2			
carried to collection						

Contractor's Official Rubber stamp and Signature:.....

NRB.

21/5/2024

E.W/16

ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
B/4.2.6	SIXTH FLOOR					
B/4.2.6.1	LIGHTING DBL6					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	4			
	5A	No.	14			
	15A	No.	3			
	50A	No.	1			
B/4.2.6.2	SOCKETS DBP6					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Double pole switch 63A CB	No.	1			
	30A	No.	5			
B/4.2.7	SEVENTH FLOOR					
B/4.2.7.1	LIGHTING DBL7					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	4			
	Control fuse 15A	No.	1			
	5A	No.	15			
	10A	No.	2			
	20A	No.	2			
	Carried to collection					

Contractor's Official Rubber stamp and Signature:.....

NRB.

Stelly
2024

E.W/17

ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
B/4.2.7.2	SOCKETS DBP7 12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of: Tap off fuse 60 A Isolator 60A, 500v, 50hz Contactors 20A Timer Double pole 100 A 5A 10A 15A 20A 30A	No. No. No. No. No. No. No. No. No. No.	1 1 1 1 1 2 2 2 1 5			
B/4.2.8	EIGHTH FLOOR					
B/4.2.8.1	LIGHTING DBL8 12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of: Tap off fuse 60 A Isolator 60A, 500v, 50hz Contactors Control fuse 15A 5A 10A 15A	No. No. No. No. No. No. No.	1 1 1 4 1 10 5 1			
B/4.2.8.2	SOCKETS DBP8 12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of: Tap off fuse 60 A Isolator 60A, 500v, 50hz carried to collection	No. No. No. No.	1 1 1 1			

Contractor's Official Rubber stamp and Signature:.....

NRB.

Delly
21/5/2024

E.W/18

ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
	Double pole 100 A CB	No.	1			
	30A	No.	5			
B/4.2.9	NINETH FLOOR					
B/4.2.9.1	LIGHTING DBL9					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	4			
	Control fuse 15A	No.	1			
	10A	No.	15			
B/4.2.9.2	SOCKETS DBP9					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Double pole 100 A CB	No.	1			
	30A	No.	5			
B/4.2.10	TENTH FLOOR					
B/4.2.10.1	LIGHTING DBL10					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	4			
	Control fuse 15A	No.	1			
	5A	No.	8			
	7.5A	No.	1			
	10A	No.	6			
	carried to collection					

Contractor's Official Rubber stamp and Signature:.....

NRB.

E.W/19

Shelly
2012024

ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
	12.5A	No.	1			
B/4.2.10.2	SOCKETS DBP10 12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of: Tap off fuse 60 A Isolator 60A, 500v, 50hz Control fuse 15A Double pole 2P 100 A 30A	No.	1			
		No.	1			
		No.	1			
		No.	1			
		No.	1			
		No.	5			
B/4.2.11	ELEVENTH FLOOR					
B/4.2.11.1	LIGHTING DBL11 12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of: Tap off fuse 60 A Isolator 60A, 500v, 50hz Contactors 20A Control fuse 15A 5A 10A	No.	1			
		No.	1			
		No.	1			
		No.	4			
		No.	1			
		No.	12			
		No.	4			
B/4.2.11.2	SOCKETS DBP11 12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of: Tap off fuse 60 A Isolator 60A, 500v, 50hz Control fuse 15A Double pole 2P 100 A CB 30A	No.	1			
		No.	1			
		No.	1			
		No.	1			
		No.	2			
		No.	10			
	carried to collection					

Contractor's Official Rubber stamp and Signature:.....

NRB.

E.W/20

Selly
-15/4-2024

ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
B/4.2.12	TWELFTH FLOOR					
B/4.2.12.1	LIGHTING DBL12					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	4			
	Control fuse 15A	No.	1			
	Double pole	No.	1			
	5A	No.	10			
	7.5A	No.	5			
	10A	No.	1			
B/4.2.12.2	SOCKETS DBP12					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Double pole	No.	1			
	5A	No.	2			
	30A	No.	4			
	50A	No.	2			
B/4.2.13	THIRTEENTH FLOOR					
B/4.2.13.1	LIGHTING DBL13					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	4			
	Control fuse 15A	No.	1			
	7.5A	No.	15			
	carried to collection					

Contractor's Official Rubber stamp and Signature:.....

NRB.

E.W/21

21/5/2024

ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
	10A	No.	2			
B/4.2.13.2	SOCKETS DBP13 12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of: Tap off fuse 60 A Isolator 60A, 500v, 50hz Double pole 5A 30A	No.	1			
		No.	1			
		No.	1			
		No.	1			
		No.	2			
		No.	5			
B/4.2.14	FORTEENTH FLOOR					
B/4.2.14.1	LIGHTING DBL14 12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of: Tap off fuse 60 A Isolator 60A, 500v, 50hz Contactors 20A Control fuse 15A 5A 10A	No.	1			
		No.	1			
		No.	1			
		No.	5			
		No.	1			
		No.	18			
		No.	2			
B/4.2.14.2	SOCKETS DBP14 12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of: Tap off fuse 60 A Double pole Switch 100 A 5A 15A 30A	No.	1			
		No.	1			
		No.	2			
		No.	5			
		No.	2			
		No.	5			
	Carried to collection					

Contractor's Official Rubber stamp and Signature:.....

NRB.

Selly
5/2024

E.W/22

ITEM	DESCRIPTION	UNIT	QTY	WARRANTY / DELIVERY SCHEDULE	UNIT PRICE DDP VAT EXCLUSIVE	TOTAL PRICE DDP VAT EXCLUSIVE
B/4.2.15.	BASEMENT LIGHTING DBB					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	2			
	Control fuse 15A	No.	1			
	Double pole Switch 100 A ISO 2P	No.	1			
	Double pole Switch 60 A	No.	1			
	5A	No.	6			
	10A	No.	4			
	30A	No.	6			
B/4.2.16	GROUND LIGHTING DBL KITCHEN					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Tap off fuse 60 A	No.	1			
	Isolator 60A, 500v, 50hz	No.	1			
	Contactors 20A	No.	3			
	Double pole Switch 100 A 3P	No.	1			
	5A	No.	18			
	10A	No.	10			
	15A	No.	2			
B/4.2.17	GROUND POWER DBP KITCHEN					
	12 way TPN DBs 125A 4P Isolators at 415Vac, 50Hz; each comprising of:	No.	1			
	Double pole Switch 100 A 3P	No.	1			
	5A	No.	2			
	30A	No.	5			
	32A	No.	2			
	carried to collection					

Contractor's Official Rubber stamp and Signature:.....

NRB.

E.W/23

Delly
21/5/2020

