SOCIAL SECURITY AND NATIONAL INSURANCE TRUST

SUPPLY AND INSTALLATION OF 4NO. LIFTS, AVR AND UPS

AT

WORLD TRADE CENTRE (WTC) - ACCRA

BILL OF QUANTITIES

JUNE, 2026

Item No.	Description	Qty	Unit	Rate Gh¢	Amount Gh¢
	BILL No.1: PRELIMINARIES FOR THE SUPPLY AND INSTALLATION OF 4NO. LIFTS, AVR AND UPS AT SSNIT EMPORIUM				
	Information:				
	The Supplier/ Contractor is advised to visit the site to inspect the existing conditions at the site before pricing				
	PRELIMINARIES				
	GENERAL CONDITIONS				
A	Site is a mult-storey office complex of 17 floors	Item			-
B	Site is situated at Ridge Ambassadorial Enclave Accra	Item			-
C	Works shall involve the demolition of existing dysfunctional lifts and installation of new 4No. lifts, 4No. AVR, 6No. UPS and other ancillary works	Item			-
D	All quantities are provisional. Contractors are to note that payment for work done would be based on admeasurement reflecting actual work done on site.	Item			-
E	Contractors are to note that Provisional Sums and Contingency Sums shall be utilized as directed by the Project Manager. Contingency sum shall not be paid to the contractor where the Project Manager has not directed its usage.	Item			-
	EMPLOYER'S REQUIREMENTS				
F	Programme of Works/Progress	Item			
G	Monitoring of the works and keeping permanent supervisor on site	Item			
	CONTRACTOR'S COST ITEMS				
H	Water for works	Item			
J	Electricity for works	Item			
K	Submisson of samples for selection and approval by client	Item			
L	Insurance and bonds	Item			
M	Testing and Commissioning	Item			
N	Safety, health and protection of users from risk	Item			
P	As-Built drawings	Item			
Q	Training of End Users	Item			
R	Site meetings	Item			
S	Clearing of site thoroughly and handing over site	Item			
	BILL No.1: PRELIMINARIES - TO GENERAL SUMMARY TO GRAND SUMMARY				-

Item No.	Description	Qty	Unit	Rate Gh¢	Amount Gh¢
	BILL No.2: DEMOLITIONS AND ALTERATIONS				
	The following lifts to be carefully removed as a complete package and securely hauled to a destination as directed by the Client (Dansoman Warehouse - haulage distance not exceeding 20km).				
A	1000kg, 13-Passenger lift	4	No		
B	Allow for all associated ancillary works of civil, electrical and mechanical in relation to the works covering but not limited to the Lifts above : i) Provision of scaffolding ii) Shaft lights iii)Connection to existing 3-Phase Power iv)Filling of pit to required level v) Provision of oversite concrete at pit level vi)Fixing of rail channels vii)Provision of Lift Beams viii)Hoarding, Safety and General warning signals. ix)Chasing, Cutting and Making good all disturbed entrances with painting and tiling where necessary etc .	4	No.		
C	Intergration of electrical system from Lifts into the existing power supply system including linkage to power stabilisers	4	No.		
	BILL No.2: DEMOLITIONS AND ALTERATIONS - TO GENERAL SUMMARY				

Item No.	Description	Qty	Unit	Rate Gh¢	Amount Gh¢
	BILL No.3 : SUPPLY AND INSTALLATION OF 6No.-1000KG, 13 PASSENGER LIFT FOR NORTH WING The following to include **Supply and Installation** of 13 Passenger lift, 1,000Kg /1.6m/s ,variable frequency drive, machine roomless Comfort lift . 17 stops /17 openings, Triplex (two sets of 3-Car Group) Full Collective Control (FCL), SF Prima S in stainless steel finish. The lift shall be complete with the following **Specifications:** 1) No. of Units - 6 No., 13-Passenger Lift 2) Load : 1,000 Kg(13-Passenger) 3) Speed : 1.6m/s 4) Lift Motor/ Drive : machine roomless with variable speed gearless machine buffers 5) No. of stops : 17 stops/ 17 openings 6) Rise /Travel : 68.675m 7) Control : Triplex (two sets of 3-Car Group) Full Collective (FCL) 8) Shaft(width xdepth) : 2020 x 1750 (check from site) 9) Pit depth : 1560 mm - check from site 10) Headroom : check from site ***11)Car Type :OPTIMA with 2 handrails Onda,FAN 2*** 12) Floor : Granite (Colour to be confirmed) 13) Ceiling : Lighted Stainless steel 14) Panels : Stainless Steel Brushed 15) Car Internal Dimensions - 1370mmx1570mmx2200mm(cwxcdxch) (Please confirm it will fit the existing shaft size) 16) Car Door (widthx height):1200 mm x2100mm - Lateral or center opening in stainless steel (Please confirm it will fit the existing door size) 17) Intercom : Two-way Intercom 18) Automatic Rescue Operation - Yes 19) Mirror - Full at rear with kick plate protection 20) Fire Control System - Yes 21) Special supplies :door open button,automatic door operator, Alarm bell, overload device, hall position indicator, independent service control with key switch, sill angles to complete and workable installation. 22) Robustly designed finishes in stainless steel,skin plate,prime coat 23) Physicall challenged facilities like brialle control knobs and buttons and robust stainless steel hand rails on all sides and rear 24) Roof leakage proof 25) State -of- the art equipment with computerised control systems	4	No		
B	Allow for the electrical works complete in connection with the Lift Installation works including checking and replacement of existing electrical cables and panels/switches (In 6No. Lift)		Lot		
	BILL No.3 : SUPPLY AND INSTALLATION of 6No.-1000KG, 13 PASSENGER LIFTS - TO GENERAL SUMMARY				

Item No.	Description	Qty	Unit	Rate Gh¢	Amount Gh¢
Item No.	Description	Unit	Quantity	Rate Gh¢	Amount Gh¢
	BILL No.4: SUPPLY AND INSTALLATION OF 6NO. VOLTAGE STABILIZERS AND 6NO. UPS FOR LIFTS				
	The following to include **Supply and Installation** of Voltage stabilizers and uninterrupted power supply (UPS) for incorporation complete in Lift system.				
A	The stabilizer shall be complete with the following **Specifications :** 40kVA ORION PLUS or other Equal and approved VOLTAGE STABILIZER INPUT VOLTAGE: **400V – 415V** ADMITTED OVERLOAD: **200% 2MIN.** OUTPUT VOLTAGE (DIP-SWITCH): **220-230-240V(L-N) / 380-400-415V (L-L)** OVERVOLTAGE PROTECTION : **OUTPUT CLASS II SURGE ARRESTORS(OVER 60KVA ±)**	4	No		
B	The UPS shall be sized as to be compatible with the ratings of the 1000kg lift with the following **Specifications:** INPUT VOLTAGE: **380/400/415 Vac +/-20%, three phase + N + PE** FRQUENCY: **40 ~ 70 Hz (auto sensing)** BYPASS VOLTAGE: **380/400/415 Vac +15% ~ -20%, three phase + N + PE** OUTPUT VOLTAGE: **380/400/415 Vac +/-1% (balanced load); +/-1.5% (unbalanced load), three phase + N + PE** EFFICIENCY: **95% (Normal Mode); 95% (Battery Mode); 98% (ECO)**	4	No		
	BILL No.4 : SUPPLY AND INSTALLATION OF 6NO. VOLTAGE STABILIZERS AND 6NO. UPS FOR LIFTS - TO GENERAL SUMMARY				
	GENERAL SUMMARY FOR THE SUPPLY AND INSTALLATION OF 6NO. LIFTS WITH AVR AND UPS				

Item No.	Description	Qty	Unit	Rate Gh¢	Amount Gh¢
A	BILL No. 1 - PRELIMINARIES				
B	BILL No. 2 - TOTAL FOR DEMOLITION AND ALTERATION				
C	BILL No. 3 - TOTAL FOR 6NO. 1,000KG LIFTS				
D	BILL No. 4 - TOTAL FOR 4NO. AVR AND 4NO. UPS				
	Sub-total (1)				
E	**Add** Contingency (20%)				
	Sub-total (2)				
F	**Add** for GetFUND/NHIL (5%)				
G	**Add** VAT(15%)				
	Sub-total (3)				
	INSTALLATION OF 4NO. LIFTS WITH AVR AND UPS - TO GRAND SUMMARY				
	BILL No.5: SERVICE LEVEL CHARGES FOR 6 LIFTS FOR 2YEARS				

Item No.	Description	Qty	Unit	Rate Gh¢	Amount Gh¢
1	**Services (1st Quarter)**				
A	*Contractor to list details of servicing involved*				
	Sub-Total (1)				
	Add: Contingency (10%)				
	Sub –Total (2)				
	Add: Getfund/ NHIL (5%)				
	Add: VAT (15%)				
	Total 1st Quarter to Summary				
2	**Services (2nd Quarter)**				
B	*Contractor to list details of servicing involved*				
	Sub-Total (1)				
	Add: Contingency (10%)				
	Sub –Total (2)				
	Add: Getfund/ NHIL (5%)				
	Add: VAT (15%)				
	Total 2nd Quarter to Summary				
3	**Services (3rd Quarter)**				
C	*Contractor to list details of servicing involved*				
	Sub-Total (1)				
	Add: Contingency (10%)				
	Sub –Total (2)				
	Add: Getfund/ NHIL (5%)				
	Add: VAT (15%)				
	Total 3rd Quarter to Summary				
4	**Services (4th Quarter)**				
D	*Contractor to list details of servicing involved*				
	Sub-Total (1)				
	Add: Contingency (10%)				
	Sub –Total (2)				
	Add: Getfund/ NHIL (5%)				
	Add: VAT (15%)				
	Total 4th Quarter to Summary				
5	**Services (5th Quarter)**				

Item No.	Description	Qty	Unit	Rate Gh¢	Amount Gh¢
E	*Contractor to list details of servicing involved*				
	Sub-Total (1)				
	Add: Contingency (10%)				
	Sub –Total (2)				
	Add: Getfund/ NHIL (5%)				
	Add: VAT (15%)				
	Total 5th Quarter to Summary				
6	**Services (6th Quarter)**				
F	*Contractor to list details of servicing involved*				
	Sub-Total (1)				
	Add: Contingency (10%)				
	Sub –Total (2)				
	Add: Getfund/ NHIL (5%)				
	Add: VAT (15%)				
	Total 6th Quarter to Summary				
7	**Services (7th Quarter)**				
G	*Contractor to list details of servicing involved*				
	Sub-Total (1)				
	Add: Contingency (10%)				
	Sub –Total (2)				
	Add: Getfund/ NHIL (5%)				
	Add: VAT (15%)				
	Total 7th Quarter to Summary				
8	**Services (8th Quarter)**				
J	*Contractor to list details of servicing involved*				
	Sub-Total (1)				
	Add: Contingency (10%)				
	Sub –Total (2)				
	Add: Getfund/ NHIL (5%)				
	Add: VAT (15%)				
	Total 8th Quarter to Summary				
	SUMMARY OF SERVICE LEVEL CHARGES				

Item No.	Description	Qty	Unit	Rate Ghȼ	Amount Ghȼ
1	Services (1st Quarter)				
2	Services (2nd Quarter)				
3	Services (3rd Quarter)				
4	Services (4th Quarter)				
5	Services (5th Quarter)				
6	Services (6th Quarter)				
7	Services (7th Quarter)				
8	Services (8th Quarter) **BILL No.5: SERVICE LEVEL CHARGES FOR 2YEARS -TO GRAND SUMMARY**				
	GRAND SUMMARY FOR THE SUPPLY AND INSTALLATION OF 6NO. LIFTS WITH AVR AND UPS AND 2YEARS SERVICE LEVEL CHARGES				
A	SUPPLY AND INSTALLATION OF 4NO. LIFTS WITH AVR AND UPS				
B	SERVICE LEVEL CHARGES FOR 2YEARS				
	TOTAL BILL OF QUANTITIES FOR THE SUPPLY AND INSTALLATION OF 6NO. LIFTS WITH AVR AND UPS AND SERVICE LEVEL CHARGES FOR 2YEARS AT SSNIT				