



MERU UNIVERSITY OF SCIENCE & TECHNOLOGY

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OFFICE OF THE VICE CHANCELLOR

REF. No. MU/1/14/165(8)-3

Date: 13th June 2020

TO: ALL BIDDERS

SUBJECT: ADDENDUM NO. 3 TO TENDER NO. MUST/ONT/NURSH/20/2019-2020 FOR PROPOSED CONSTRUCTION OF THE SCHOOL OF NURSING & HEALTH SCIENCES AT MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY.

Following the enquiry from the prospective bidders and on our own initiative, we wish to make the following clarifications and amendments to the above principle tender document (hereinafter abbreviated as PTD) for proposed construction of the School of Nursing & Health Sciences at Meru University of Science and Technology.

Please add the following missing pages: -

- a) K21, K22 & K23

Save where expressly amended by the terms of this addendum, the PTD shall continue to be in full force and effect. The provision of this addendum shall be deemed to have been incorporated in and be read and construed as part of the PTD.

Thank you.

Prof. Romanus Odhiambo, Ph. D
VICE-CHANCELLOR



PROPOSED SCHOOL OF NURSING AND PHYSICAL SCIENCES MERU UNIVERSITY
ELECTRICAL INSTALLATIONS AND ASSOCIATED SERVICES
ELECTRICAL INSTALLATIONS WORKS – BILLS OF QUANTITIES

BILL NO. 3 – FIRST TO THIRD FLOOR

ITEM NO.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT	
					KShs.	Cts.
	Total B/F from Page K21					-
3.27a)	Twin 13A standard white socket outlet as MK or Crabtree or any other approved equivalent, complete with ring wiring in 6x2.5mm ² PVC-SC-CU cables inside trunking for raw power	300	No.			-
b)	Twin data/telephone faceplates in trunking complete with box draw-wire and square blanking cover for RJ45 terminations	120	No			-
c)	Twin 13A non standard red socket outlets, as MK or Crabtree or any other approved equivalent, with safety shutters on both live and neutral and with neon light for computer power supply, complete with wiring in 3x2.5mm ² PVC-SC-CU cables and fused unbreakable 13A 3-pin non standard top plugs inside the trunking.	120	No.			-
d)	Supply and install 5mm high permanent red trafolyte labels marked "UPS ONLY" for clean line power sockets.	120	No.			-
e)	Power Floorbox complete with 4 No. twin normal socket outlets wiring in 6x2.5mm ² PVC-SC-PVC cables, 4 No. twin nonstandard socket outlets for computer points with neon lights wiring in ring 6x2.5mm ² PVC-SC-PVC cables and 4 No. telephone/data outlet plates	22	No.			-
3.28	450 x 450 x 200 mm 14 gauge galvanized compartment telephone draw box complete with 3- cover, screws etc.	12	No			-
3.29	Outlet point for water heater/ hand drier/ extract fans/ staircase Pressurization comprising 20mm diameter conduit, wiring in 3 x 4.0 mm ² SC-PVC-CU cables and all accessories including 20A DP switch with neon light as MK or Crabtree or any other approved equivalent.	28	No			-
3.3	Outlet for twin 15A industrial sockets comprising 20mm diameter conduit, wiring in 3 x 4.0 mm ² SC-PVC-CU cables and all accessories including top plug	2	No.			-
3.31	Outlet for Indoor air conditioning unit comprising box concealed, HG PVC conduit, wiring in 3x4mm ² SC-PVC-CU cables and all accessories including 20A DP switch with neon light.	15	No			-
3.32	30A voltage switch for air-conditioning unit as Sollateck type AVS 30, wired to the A/C unit above	15	No			-
3.33	Outlet for television co-axial cable comprising concealed HG PVC conduit square PVC box draw wire and TV outlet plate as MK range or any approved equivalent	8	No			-
3.34	Outlet for 63A SPN Local Isolator, comprising box concealed, HG PVC conduit, wiring in 5x10mm ² SC-PVC-CU cables and all accessories including 63A SPN Isolator, as MK or Crabtree or approved approved equivalent	0	No			-
Total for Bill No. 3: First to third Floor C/F to Collection Page						-

PROPOSED SCHOOL OF NURSING AND PHYSICAL SCIENCES MERU UNIVERSITY
ELECTRICAL INSTALLATIONS AND ASSOCIATED SERVICES
ELECTRICAL INSTALLATIONS WORKS – BILLS OF QUANTITIES

BILL NO. 4: LIGHTNING PROTECTION

ITEM NO.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT	
					KShs.	Cts.
	Note: All lightning protection products to be FURSE – Alternative makes will NOT be accepted.					
	4 Air Termination					
4.01	15mm diameter multiple point copper air terminal as Furse Cat. No. RA 600.	7	No.			
4.02	Copper air terminal base as Furse Cat. No. SD 105.	7	No.			
4.03	Copper junction clamps for tape.	12	No.			
4.04	25 x 3mm turned copper tape as Furse Cat. No. TC 230.	150	m.			
4.05	Copper ridge saddle as Furse Cat. No. CD 115.	30	No			
4.06	D.C. tape clip as Furse Cat. No.CP 210.	30	No			
4.07	Copper rod-to-tape coupling.	20	No.			
	4.1 Down Conductors					
4.11	25 x 3mm turned copper tape as Furse Cat. No. TC 230.	20	m.			
4.12	D.C. tape clip as Furse Cat. No. CP 210.	10	No			
		0				
4.13	Oblong test/junction clamp as Furse Cat. No. CN 105.	4	No.			
4.14	Diameter 38mm HG PVC conduits for the down conductors above.	20	m.			
	4.2 Earth Termination					
4.21	15mm diameter, 1200mm long solid copper earth rod as Furse Cat. No. RC 020, complete with driving stud and spike.	2	No.			
4.22	Earth rod-to-tape clamp type A.	2	No.			-
4.23	Concrete inspection earth pit Cat. No. PT 005 with 5 hole earth bar as Furse Cat. No. PT 006.	2	No.			-
4.24	1500mm x 1500mm copper earth mat made from 25mm x 3mm copper tape at 300mm spacing, buried at permanent moisture level and complete with all clamps, welding joints and 6m long 25mm x 3mm insulated copper tape clamped to the down conductors.	2	No.			-
	4.3 Bonding					
4.31	Bonding and clamping to all metal work including water pipes, gas pipes, hand-rails, air-conditioning units, window frames, cladding, metal roof etc. and the main earth for the building.	1	Item			-
Total for Bill No.4 –Lightning Protection C/F to Collection Page						-