



ACU/PS/ACSNS-184(25)/TN-260 /2022-23

Date: 14 FEB 2023

### TENDER NOTIFICATION

The Adichunchanagiri University invites **closed tenders** from eligible tenderers or contractors or their authorized local supplier/dealer/distributor in the state of Karnataka for the procurement of *Electrical works* as per section I & II.

1	Name of the work	Electrical works for Natural Science Lab at stilt floor, New Medical College Block BG Nagara - 571448
2	Last date and time for receipt of tender	On or Before 21.02.2023 up to 05:00 PM

Sl. No.	Name of the work
1	Electrical works ( as per bill of quantity)

### SECTION -I

#### BOQ

	Description	Unit	Qty	Supply Rate	Installation Rate	Supply Amount	Installation Amount
A	<b>DISTRIBUTION BOARD</b>						
1.0	(8 WAY TPN DB BOX) Make: ABB, MCB:ABB	Set	1				
	<b>INCOMING</b>						
	• 1No. 40Amp Four Pole Isolator.						
	• 3Nos. 40Amp Double Pole Residual Current Circuit Breaker of 30mA Sensitivity.						
	<b>BUSBARS</b>						
	• 100 Amp TPN copper bus bars (Four strip).						
	<b>OUTGOING</b>						
	• 18Nos 6 to 32Amp Single pole miniature circuit breaker (10KA)						
1.1	<b>VDB (8 WAY VTPN DB)</b>	Set	1				
	<b>INCOMING</b>						
	• 1 No. 100 Amp FP Moulded Case Circuit Breaker of 25KA (Ics=Icu ) breaking capacity with Thermal Magnetic release for O/L, S/C & E/F Protection complete as required.						
	<b>BUSBARS</b>						
	• 200 Amp TPN copper bus bars.						
	<b>OUTGOING</b>						
	• 18 Nos. 16-32 Amp Single pole miniature circuit breaker (10 KA).						



	•	2 Nos. 40-63 Amp Triple pole miniature circuit breaker (10 KA).					
1.2		<b>MINIATURE CIRCUIT BREAKER IN SS ENCLOSURE</b>					
		Supply, installation, testing and commissioning of Miniature Circuit Breaker in sheet steel enclosure, suitable for 3 phase 4 wire 50 Hz AC supply complete with incoming/outgoing terminations, internal connections/ links etc. as required.					
	i)	32 Amp FP MCB(10KA)	No	4			
	ii)	63A Industrial type socket and plug controlled by 63A 4Pole MCB. 380/415V, 125A, 3P+N+E	NOS	2			
		<b>TOTAL OF MAIN DISTRIBUTION BOARDS, SUB DISTRIBUTION BOARDS CARRIED OVER TO SUMMARY.</b>					
B		<b>MAIN, SUB MAIN &amp; LT CABLES Make: Havells or Polycab</b>					
2.0		Supply and fixing of following size of 1.1 KV grade multicore Aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS : 7098 (Part: I) 1988.					
	i)	3.5 core, 35sq.mm.	M	70			
2.1		Supplying and making indoor end termination with brass compression Double gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE copper conductor cable of 1.1 KV grade as required.					
	ii)	3.5 core, 35sq.mm.	Set	2			
2.3		Wiring for sub main wiring with following sizes of PVC insulated multistranded single core copper conductor wire /cable (FRLS Type) in suitable size surface / recessed(Heavy Duty) PVC conduit (FR type) including termination / connections at both ends as required.					
	1	4 x 16 sq.mm + 2 x 6 sq.mm (Earth wire)	M	50			
	2	4 x 6 sq.mm + 2 x 6 sq.mm (Earth wire)	M	150			
		<b>TOTAL OF MAIN, SUB MAIN &amp; LT CABLES CARRIED OVER TO SUMMARY.</b>					
C		<b>POINT WIRING</b>					
		<b>Note: All Conduits shall be ISI marked</b>					
3.0		Supply and Wiring of following <b>Light Point</b> 1.5sq.mm PVC insulated multistranded copper conductor cable (FRLS Type) in surface/recess Medium duty PVC conduit (FR Type) including cutting the chases in wall & making good the same, including providing & fixing of galvanized M.S. switch box, modular range of plate switches, modular cover plate, ceiling rose, circuit wiring with 1.5 sq.mm. & earth wiring with 1.5 sq.mm. PVC insulated copper conductor cable /					



		wires (FRLS Type) etc. complete as required & as per specifications. Make: ABB Tvisha				
	i)	Single / First point.	Pt	30		
	ii)	Looping Point.	Pt	20		
3.1		Supply and Wiring for the <b>Ceiling Fan Point</b> 1.5 sq.mm PVC insulated multistranded copper conductor cable (FRLS Type) in surface/recessed Medium Duty PVC ( <b>FR type</b> ) conduit including cutting and chasing in wall & making good including fan regulator, ceiling fan box with hook etc. with 6 amps single pole switch with 5 step fan regulator, modular cover plate, galvanised MS switch box, ceiling rose, circuit wiring with 1.5 sq.mm PVC insulated copper conductor multistranded cable/wires(FRLS) complete as required & as per specifications.	Pt	15		
3.2		Supply and wiring of <b>Light Plug Point</b> with 1.5 sq.mm PVC insulated multistranded copper conductor cable (FRLS Type) in surface / recess Medium Duty PVC ( <b>FR Type</b> ) conduit including cutting the chases in wall & making good the same including providing & fixing of galvanised M.S. switch & outlet box, modular 6 Amp 3 pin socket with switch, modular cover plate, circuit wiring with 1.5 Sqmm. & earth wiring with 1.5 sq.mm. PVC insulated copper conductor cable / wires (FRLS Type) etc. complete as required & as per specifications.				
	i)	Independent Point	Pt	10		
	ii)	On switch Board	Pt	5		
3.3		Supply & wiring of <b>General Power Point with 4 sq.mm</b> PVC insulated multistranded copper conductor cable (FRLS Type) in surface / recess Medium Duty PVC conduit (FR Type) including cutting the chases in wall & making good the same including providing & fixing of galvanised M.S. Switch & outlet box, modular range 16Amp switch with 6 pin 16/6Amp socket, modular cover plate, earthing with 4 sq.mm PVC insulated copper conductor cable / wires (FRLS Type) etc. complete as required & as per specifications. ( <b>First point</b> )	Pt	30		
3.4		Supply & wiring of <b>General Power Point with 2.5 sq.mm</b> PVC insulated multistranded copper conductor cable (FRLS Type) in surface / recess Medium Duty PVC conduit (FR Type) including cutting the chases in wall & making good the same including providing & fixing of galvanised M.S. Switch & outlet box, modular range 16Amp switch with 6 pin	Pt	15		



	16/6Amp socket, modular cover plate, earth wiring with 2.5sq.mm PVC insulated copper conductor cables / wires (FRLS Type) etc. complete as required & as per specifications. <b>(Second Point)</b>					
3.5	Supply and wiring of <b>UPS Computer Power Outlet with 2.5 sq.mm</b> PVC insulated multistranded copper conductor cable / Wires (FRLS Type) in surface / recess Medium Duty PVC (FR Type) conduit including cutting the chases in wall & making good the same including providing & fixing of galvanised M.S. switch & outlet box, modular 6 Amp 3 pin socket (3Nos.) controlled by one switch, modular cover plate, circuit wiring with 2.5 Sqmm. & earth wiring with 2.5 sq.mm. PVC insulated copper conductor cable / wires (FRLS Type) etc. complete as required & as per specifications.					
	i) Single / first point.	Pt	35			
	ii) Loop point.	Pt	5			
3.6	Supply & wiring of <b>Split /Window AC Point with 4 sq.mm</b> PVC insulated multistrand copper conductor cable (FRLS type) Medium Duty PVC conduit (FR Type) recess and / or on surface including chasing of wall & making good the same etc. including providing & fixing of AC outlet switch & socket outlet galvanised MS box, modular motor starter with 25Amp 3pin socket, earth wiring with 4 sq.mm PVC insulated copper conductor cable/ wires (FRLS type) etc. complete as required & as per specification.	No	6			
3.7	Supplying and drawing following sizes of FRLS PVC insulated, single core multistranded copper conductor cable in the existing surface/recessed conduit as required. Make: Havells or Polycab					
	i) 3 x 1.5 sq. mm	M	350			
	ii) 3 x 2.5 sq. mm	M	500			
	iii) 3 x 4 sq. mm	M	500			
3.8	Supply and fixing of following sizes of PVC conduit (FRType) along with the accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. Make: VIP					
	i) 20mm dia (PVC conduit-Medium Duty )	M	50			
	ii) 25 mm dia (PVC conduit-Medium Duty )	M	50			
	iii) 32mm dia (PVC conduit-Medium Duty )	M	30			
	iv) 40mm dia (PVC conduit-Medium Duty )	M	20			
	<b>TOTAL OF POINT WIRING CARRIED OVER TO SUMMARY</b>					
<b>D</b>	<b>LIGHT FIXTURES &amp; FANS</b>					



4.1		Supply, Installation, Testing & Commissioning of <b>20W LED Wall mounted linear batten</b> fixture with Driver (1200mm length approx.) complete with all standard accessories for proper installation etc. complete as required. Havel's Cat ref. LUMILINE OR APPROVED EQUIVALENT	No	10			
4.2		Supply, Installation, Testing & Commissioning of <b>15W LED Surface Mounted Circular down lighter</b> with Driver complete with all standard accessories for proper installation etc. complete as required. Havells Cat ref. INTEGRA NEO SURFACE OR APPROVED EQUIVALENT	No	10			
4.3		Supply, Installation, Testing & Commissioning of <b>28W LED 600mm x 600mm Recess Mounted LED</b> fixture with Driver complete with all standard accessories for proper installation etc. complete as required. Havells Cat ref PLUTO NEO PANEL 2X2 OR APPROVED EQUIVALENT	No	30			
4.4		Supply, Installation, testing and commissioning of Ceiling Fans of 1500 RPM made of high quality engineering plastic complete with all accessories as required in the following sizes :- Make: Havells					
	ii)	1200 mm Sweep.	No	15			
4.5		Supply, Installation, Testing & Commissioning of <b>Exhaust Fans</b> of size 250mm or 300mm Make: Havells	Nos	8			
		<b>TOTAL OF SUPPLY &amp; INSTALLATION OF LIGHT FIXTURES &amp; FANS CARRIED OVER TO SUMMARY.</b>					
E		<b>TELEPHONE &amp; DATA SYSTEM Make: AMP/LEGRAND</b>					
1.0		Supplying and fixing of following modular switch / socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
	i)	Telephone Socket outlet(RJ-11)	No	3			
	ii)	TV socket outlet (Coaxial Socket)	No	1			
2.0		Supplying and Fixing following size / modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.					
	i)	1 or 2 Module (75mm x75mm)	No	5			
3.0		Supplying and Drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmoured telephone cable in the existing surface/ recessed steel/ PVC conduit as required.					
	i)	2 Pair	M	200			



4.0	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/recessed conduit as required.	M	100			
5.0	Supply and Installation of flush mounted Category 6 Information Outlet (I/O) with face plate. The plastic shall be high impact, flame-retardant, UL rate thermoplastic. Jack shall have spring loaded shutter for protection from Dust. Blank shall be provided to protect unused faceplate openings. Termination caps and plastic cover shall be provided to protect jack wiring.					
	i) Single outlet faceplate with RJ-45 jack	Nos	10			
	ii) Duplex outlet faceplate with 2 Nos. RJ-45	Nos	0			
6.0	Supply, Installation, Testing & Commissioning of 4 pair Category 6 LAN cable in existing raceways including Medium Duty PVC conduit concealed or surface mounted, consisting of 23 AWG solid copper conductor and as per the specification. The cable shall have flexible jacket and ripcord for easy Stripability.	M	200			
	<b>TOTAL OF STRUCTURAL WIRING FOR TELEPHONE &amp; DATA NETWORKING SYSTEM CARRIED OVER TO SUMMARY.</b>					
VII	<b>Miscellaneous works</b>					
	i) Fan Rod 3 to 4 feet and fasteners	Nos	15			
	ii) Removing and refixing	LMS	1			
	<b>TOTAL OF MISCELLANEOUS WORKS</b>					

## SECTION -II

### Instruction to Tenderers

- The Tenderer shall send quotes in 2 bid formats on the company letter heads (Technical and Financial bids sealed separately inside the main envelope for any or all list of items). The inner and outer sealed cover must bear the following identification
  - Tender for .....[name of service | Contract]
  - Tender Reference No.....[insert number]
  - Address to "The Registrar, Adichunchanagiri University, B.G. Nagara -571448, Nagamangala (T), Mandya (D)"
  - The tenderer who prefers to submit the tender through Post can dispatch the same through Registered Post / Speed Post or Courier so as to reach the above address on or before the due date and time specified in the Tender Notice. Tenders received after the due date and time, for what so ever reasons will not



be considered and the authority, ACU BG-Nagara will not be liable or responsible for the same.


- **Tender Currency:** Prices shall be quoted in Indian Rupees Only
- **AMC/CMC** is subject to the Adichunchanagiri University's norms.
- **Amendment of Tender Documents:** At any time prior to the deadline for submission of tenders, the University may, for any reason, whether at its own initiative or otherwise, modify the tender documents by amendment. Adichunchanagiri University reserves all the rights to accept, reject, incorporate changes and re-tender without giving any reasons.
- **Documents Comprising the Tender:** Shall attach Brochure, Certification of the product, Bank/account details, PAN, GSTIN, Good Standing Certificate and 02 Years of ITR declaration inside the envelope and company contact details with email ID on the main envelope cover for further correspondence.
- **Tender Prices:** Prices indicated on the Price Schedule shall be entered separately I.e. the price of the goods, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable. Any Indian duties, sales and other taxes which will be payable on the goods if this Contract is awarded. Conditional tenders will not be considered.
- **Validity of the Bid:** 90 Days from the last date of submission of bid
- **Corrupt or Fraudulent practices:** The Adichunchanagiri University requires that the Tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy:
  7. will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
  8. will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a university contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a University contract.
- **Process to be confidential:** Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the Employer's processing of Tenders or award decisions may result in the rejection of his Tender.
- **Clarification of Tenders:** To assist in the examination, evaluation, and comparison of Tenders, the Employer may, at his discretion, ask any Tenderer for clarification of his Tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the Tender shall be sought, offered, or permitted except as required to confirm the



correction of arithmetic errors discovered by the Employer in the evaluation of the tenders.

**Delivery:** The successful BIDDER should commence the services as per tender document/Work or Purchase Order.

For any queries/ assistance, please write to registrar@acu.edu.in |  
acu.purchase@acu.edu.in or telephone to purchase section +91 -7406907357

  
**Head of Procurement**  
**Adichunchanagiri University**  
**B G Nagara -571448**