

KANNUR UNIVERSITY
Inter University Centre for Bioscience
Department of Biotechnology and Microbiology

No. IUCB/Equipments/Purchase/2021/3

Date: 22-12-2021

Notice Inviting Quotation

Sealed competitive quotations are invited from registered firms for the Electrical Wiring and related masonry works needed for installing 30 KVA Diesel Generator at the Inter University Centre for Bioscience (IUCB), Department of Biotechnology and Microbiology, Kannur University, Dr. Janaki Ammal Campus, Palayad P.O., Thalassery-670661 with following specifications.

The quotation superscribed as “Electrical Work”, should reach the undersigned on or before 7-1-2021 3 PM

Sl. No	SPECIFICATION	Quantity
1	Supply & laying of one number PVC insulated and PVC sheathed armoured aluminum power cable of 1.1KV grade of the following sizes in ground including excavation of trench of size 35 X75 cm, refilling the trench etc. as required but excluding sand cushioning and protective covering (in ordinary soil). 3.5 core 25 sq mm	5 mtr
2.	Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured aluminium power cable, 1.1KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60 cms, making good the damages, colour washing etc, as required. 3.5 core 25 sq mm with factory made clamp	20 mtr
3.	Earthing with G.I earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/coke and salt as required.	3 set
4.	Supplying and fixing 6 to 32 amps rating, 240/415 volts, “C” curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc .as required. Triple pole	6 each
5.	Laterate masonry with neatly dressed laterate stone of size 40 X 20X15 cm or nearest size in connect mortar 1:6 for foundation and basement including all cost of materials labour charges etc.	1.4 m3
6.	Providing 15 mm thick cement plaster of 1:4 at all levels.	7.50
7.	Supply of superior quality copper earth socket for the following size of earth conductor including crimping etc as required.	10 Nos.
8.	Supply and drawing bare earthing conductors of the following sizes	30 m

	along with wiring/cables and giving connection as required. 4.75 mm copper conductor (6 SWG)	
9	Supply and installation of sheet shed phosphatised and painted, dust and vermin proof enclosure of MCB DB including copper/brass busbar, neutral link earth bus and DIN rail suitable for fixing MCB/Isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting bole on the wall making good the damages colour was washing etc. as required. 6 way (8+18) Double cover TPN vertical DB with provision for fixing MCCB as incomer and SP/TP MCB as outgoing (IP 42/43)	1 No.
10.	Earth work in excavation by mechanical/manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and remaining of bottoms. Lift up to 1.5m. including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50m.	3 m3
11	Filling available excavated earth in trenches plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50m and lift up to 1.5m.	1m3
12	Proving and laying in position specified grade of reinforced cement concrete excluding the cost of centering shuttering, finishing and reinforcement all works up to plinth level 1:1. 5:3	0.75m3
13	Providing corrugate GS sheet roofing including vertical/curved bolts and nuts 8mn diameter with bitumen and GI limpet washers or with GI limpet washers filled with white lead including a coat of appred steel primer and two coats of approved paint on overlapping of sheets complete up to any pitch horizontal vertical or curved and traisses and including cutting to size and shape wherever required.	5.50 m2
14.	Steel reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete up to plinth level Thermo-mechanically treated bars of grade-fe-500D or more	25kg
15.	Centering and shuttering including strutting propping etc and removed of form work for foundations, footing, bases for columns.	1.2m3
16.	Steel work in built up tabular (round, square or rectangular hollow tubes) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc complete.	60kg

General Conditions:

1. The rate should be inclusive of all taxes and nothing extra will be admissible over and above the rate quoted.
2. Materials should be got approved by the Assistant Engineer and work shall be executed as per KPWD specifications.
3. Payment will be made through account payee cheque only after completion of the work and no advance payment will be made.
4. Work shall be completed within one month from the date of work order.

5. The Director, IUCB reserves the right to reject any of the quotations or all the quotations without assigning any reason.

The Director
Inter University Centre for Bioscience (IUCB)
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