

Ref: INS/W-5031/2019-2020(Y)

Date : 02/08/2019

ENQUIRY

Dear Sirs,

Please let us have your lowest Quotation for the following :

Sl.No	Cat.No	Item Description	Make/Model	Item Qty	UOM
1		Electrical works (Specifications Attached)		1.00	No

Remarks: If the items as per specifications in our P.O. is not supplied (shipped) within the specified delivery schedule, then liquidated damages (not in terms of penalty) will be imposed automatically and shall be deducted from the bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.

Note :

1. The bids shall be enclosed in an envelope , and due date sealed duly marked "Tender for _____" Ref No : _____. The bids should be addressed and to be mailed to "**THE HEAD-PURCHASE**". The bids are liable to be rejected if the sealed envelope is not addressed to "**THE HEAD-PURCHASE**" with Tender Ref No and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or mail , it should reach by submission Date and Time and inStem will not be responsible for the delay.

2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS

09/08/2019 till 2.00 p.m.

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The Validity of your quotation should be for 60 days from the date.

5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise your quote is liable to be rejected.

6. Your quotation should indicate delivery period & Warranty period.

7. Delivery to be made to our Stores. Please indicate charges, if any extra. Transit Insurance should be done upto inStem Stores.

8. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, Please state so and then offer alternative to quality/Specifications.

9. Payment : within one month after delivery & acceptance/satisfactory installation.

10. Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

11. Since we are a public funded research institution, we are exempted from paying Customs Duty (Except ad valorem duty of 5% + 2% cess and CVD @4% vide Notification No.51/96 with latest amendments) and excise duty vide Notification No.10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories, spares, consumables and software. Hence, please offer your prices taking this option into consideration.



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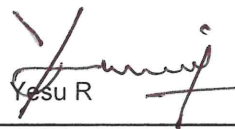
Date : 02/08/2019

12.If the item is covered under DGS&D rate contract,please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

13.Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees.The decision of the arbitrator shall be final and binding on the parties.The venue for arbitration shall be Bangalore.The provisions of the Arbitration and Concillation Act,1996 as amended from time to time shall apply.The Courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties.

Yours faithfully

For and on behalf of Insitute For Stem Cell
Biology and Regenerative Medicine



Yesu R



GKVK, Bellary Road, Bangalore-560065,INDIA

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Website : www.ncbs.res.in

Quotes are invited from Electrical Contractor with Class-1 License

Sl.No.	Description	Unit	Quantity
1	WIRING		
1.1	wiring with two runs of FRLS 2.5 sq.mm, 1.1kV grade PVC insulated, single core, multi strand Copper conductor cable conforming to IS:694 (with latest amendments) in EXISTING MS conduit/ Race ways which was laid in wall, or ceiling, or floor and earthing with one run of FRLS 2.5sq.mm, 1. 1kV grade, ISI marked, PVC insulated single core, multi strand Copper conductor Cable (Green colour) run continuously inside the conduit including man power required for fixing materials, accessories and interconnections complete as required. Materials required will be given by department.	mtrs	9000
1.2	wiring with two runs of FRLS 4 sq.mm 1.1 kV PVC insulated, single core, multi strand Copper conductor cable conforming to IS:694 (with latest amendments) in EXISTING MS conduit/Raceways which was laid in wall, or ceiling, or floor and earthing with one run of FRLS 4sq.mm, 1. 1 kV grade, ISI marked, PVC insulated single core, multi strand Copper conductor cable (Green colour) run continuously inside the conduit including man power required for fixing materials, accessories and interconnections complete as required. Materials required will be given by department.	mtrs	2555
1.3	wiring with four runs of FRLS 6 sq.mm 1.1 kV PVC insulated, single core, multi strand Copper conductor cable conforming to IS:694 (with latest amendments) in EXISTING MS conduit/raceways which was laid in wall, or ceiling, or floor and earthing with two run of FRLS 6 sq.mm, 1.1 kV grade, ISI marked, PVC insulated single core, multi strand Copper conductor cable (Green colour) run continuously inside the conduit including all fixing materials, accessories and interconnections complete as required. Materials required will be given by department.	mtrs	400
2	SURFACE RUN MS CONDUIT. laying of following sizes of 16 SWG MS conduit, surface run on walls/ceiling/ trusses/column with 6mm thick MS spacers at 600 mm interval with saddles including drawing of 14 SWG GI wire as fish wire for laying power,telephone/TV cables at a later stage, painting the conduit, spacers, saddles with approved shade of enamel paint, including man power required for fixing materials, accessories like junction boxes, bends, elbows, check nut etc and interconnections complete as required. Materials required will be given by department.		
2.1	20 mm dia.	mtrs	50
2.2	25 mm dia.	mtrs	300
2.3	32 mm dia.	mtrs	150
4	LAYING OF CABLE		
	Laying of 2 / 3 / 3.5 / 4 core , 1.1 kV grade FRLS cables XLPE cables armoured / unarmoured, aluminum/copper conductor cable in existing trench/on cable tray, on wall/floor/ceiling/ above false ceiling / below false floor / existing Hume pipe / existing HDPE pipe including transportation of cable to site, removing of trench / false ceiling/ false flooring covers and reclosing the covers after laying the cables in good condition with all necessary manpower for brackets, clamps, MS spacers complete as required and as directed by EIC. Materials required will be given by department.		
4.1	2.5/4/6/10/16 Sq.mm	mtrs	500
5	TERMINATION		
	End Terminations of LT Cables: Providing End terminations for 2 / 3 / 3.5 / 4 core, 1.1kV grade PVC / XLPE insulated armoured /unarmoured, copper/ Aluminum conductor cables including cable gland, lugs, neoprene bushes and other materials and tools required complete with terminal connections, earthing of glands and as required and as directed by Engineer-in-charge. Materials required will be given by department.		
5.1	2.5/4/6/10/16 Sq.mm	NO'S	22
7	INSTALLATION, TESTING AND COMMISSIONING OF CIRCUIT BREAKERS:-		
	Miniature Circuit Breakers (MCB) : installation of Miniature circuit breakers 9 KA / 10 KA breaking capacity conforming to IS: 8828 with latest amendments of following capacities. Including terminations, interconnections, testing and commissioning etc. Materials required will be given by department.		
	Single Pole Breakers of following capacities		
7.1	5A, 6A, 10A, 15A, 25A, 32A	Nos	360
	Tripple pole breakers		
7.2	32 Amps	Nos	3
7.3	63 Amps	Nos	3
	Tripple pole and nuetral breakers		
7.2	63 Amps	Nos	14
7.3	100 Amps	Nos	1
8	INSTALLATION, TESTING AND COMMISSIONING OF Earth Leakage Circuit Breaker (ELCB)		
	installation of 2 pole, 415V, 50 Hz, AC Supply Earth Leakage Circuit Breaker (ELCB) Residual current device type with trip free mechanism terminals suitable for Aluminum cable- termination , terminal covers, test button and positive contact indication of the following leakage current tripping sensitivities and operating time less than 30 mSec. ELCB shall conform to IS- 12640 with latest amendments complete as required. Materials required will be given by department.		



	ELCBs 100 mA sensitivity		
8.1	63A, 2 Pole	NO'S	15
8.2	40A, 2 Pole	NO'S	15
9	INSTALLATION CHARGES		
	installation of TPN DB/SPN DB to be installed in niche/flush with wall as required including associated civil works, wiring/interconnection MCB/ELCB and earthing as per specifications and as directed by E-in-C. Materials required will be given by department.		
9.1	8 Way/ 12 Way	NO'S	11
	installation of Vertical TPN (VTPN) DB on wall with wall as required including associated civil works, wiring/interconnection MCB/ELCB and earthing as per specifications and as directed by E-in-C. Materials required will be given by department.		
9.2	8 Way/ 12 Way	NO'S	1
10	EARTHING		
	laying of electrolytic copper/GI wire of following sizes including fixing clamps and accessories when laid inside the building and inclusive of excavation & refilling of earth when laid outside the building and tinning of copper wires, interconnections with earth pit and equipment, terminations/ interconnections in an approved manner as per IS 3043 (with latest amendments) inclusive of all hardware's complete as required. Materials required will be given by department.		
	COPPER WIRE:		
10.1	8SWG	mtrs	50
	GI WIRE:		
10.2	8SWG	mtrs	750
11.1	Installation, Testing, Commissioning of 63amps, 415 volts, TPN industrial type, socket outlet, with 4 pole and earth, metal enclosed plug top along with 63 amps, TPN, ELCB, 100mA in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required. Materials required will be given by department.	Nos	3
11.2	Installation, Testing, Commissioning of 32amps, 415 volts, TPN industrial type, socket outlet, with 4 pole and earth, metal enclosed plug top along with 40 amps, TPN, ELCB, 100mA, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required. Materials required will be given by department.	Nos	3
12	INSTALLATION OF RACEWAY		
	Fixing of MS raceway system above the floor with neoprene gasketed removable cover fixed to the raceway by countersunk cadmium plated screws at 300 mm intervals above the floors. The raceway system shall be complete along with all fittings like bends, T-joints, couplers etc and junction boxes as required fabricated from 2 mm thick MS sheets and covers from 2 mm thick MS sheets finished and including cost of earth links between adjacent sections to ensure earth continuity, cost of GI fish wire along the entire length complete as per specifications and directions of Engineer-in-charge. (Note: The raceways and junction boxes shall be protected by the means of polythene to prevent damage). Materials required will be given by department.		
12.1	100 mm x 40 mm (2mm thick)	mtrs	70
12.2	200 mm x 40 mm (2mm thick)	mtrs	150
13	TRUNKING AND CABLE MANAGEMENT SYSTEM		
	installation of UPVC Casing capping for power supply distribution including man power required for accessories. Materials required will be given by department.		
13.1	1" width -		100
13.2	1 1/2" width		100
	installation of UPVC cable management system for power supply distribution including position to fix power sockets and consisting of snap-fit lids 2 nos. cable divider and allied accessories such as internal tees, external tees, flat tees, end caps, joint clips etc. It shall have provision to accept mounting boxes that snap fit into the profile complete as required. Materials required will be given by department.		
13.3	100 X 50mm	mtrs	281
14	fixing of the following modular accessories to be fixed in cable management system including all necessary fixing accessories as required along with necessary mounting boxes and covering plates and all interconnections, earthing as required and as directed by EIC. Materials required will be given by department.		
14.1	6A, modular switch and 5 Pin socket	Nos	200
14.2	16 A/6A, modular switch and 6 Pin socket	Nos	100



	fixing of the following modular accessories to be fixed in vertically hanging Mild Steel management system including all necessary fixing accessories as required along with necessary mounting boxes and covering plates and all interconnections, earthing as required and as directed by EIC. Materials required will be given by department.		
15.2	6A, modular switch and 5 Pin socket	Nos	50
15.3	16 A/6A, modular switch and 6 Pin socket	Nos	200
16	Removal and Refixing of Clean room light fittings in basement area. The diffusers fixed inside the fitting shall be removed and stored safely in the location shown. On refixing of the fittings, the sides shall be filled with PU putty and PU painting. To be finished matching the surroundings.	job	100
17	Removal and Refixing of 9 nos. 250Amps MCCB boxes, removal and refixing of 9 nos cable terminations, shifting of 300mm tray of length and rerouting of cables on the shifted cable tray. Making good as before. Also, Raising the height of existing water proof light fittings (15 Nos.) including connections inside the room in basement as required as directed by engineer in charge.	Job	1
18	Supplying and fixing of nominal 2.5 mm +/-10% thick insulated synthetic Mat conforming to IS 15652 : 2006 and meeting the requirements of IS 5216 (part 1,2 &3), IS 8437, IEC-479 Pub-1, alongwith suitable adhesive/chemibound,Pu resin, waterproofing compound and sealing material as per in service recommendation of Annexure 'A' ' Clause B' of IS :15652 and suitable for class- B upto 11kV	mtrs	60

Note:

No material supply is included for items 1 to 15. Only for item No. 16 to 18 material Supply and installation and finishing is involved.

