

Institute For Stem Cell Biology and Regenerative Medicine

Autonomous institute of the Department of Biotechnology, Government Of India



Ref: INS/L-5604/2018-2019(Y)

Date : 17/09/2018

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		Supply of the panels as per the specification and drawings enclosed (Specifications Attached)	---	5.00	Kgs

Remarks : The Price quoted against this RFQ should be extended to Bangalore Life Science Cluster (BLiSc) of NCBS, InStem and C-CAMP for placing repeat order as per norms, by any one or all institutes of Bangalore Life Science Cluster (BLiSc). **inStem is a public funded research institute and is entitled to concessional rate of GST @ 5% for items supplied for research purpose. The offer should be submitted after fully considering the above notification. **

Note : The Tenders to be quoted in foreign currencies & any other currencies approved/traded by RBI - USD/Euro/JPY/GBP/SGD/CAD/INR.

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 28/09/2018 till 2.30 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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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

Phone No. : 91-80-23666343/344/345/346

Fax : 91-80-23636662

Email Id: purchase@ncbs.res.in

Website : www.ncbs.res.in

DETAILS BILL OF QUANTITY FOR THE PANELS

Sl.No	Description	Unit	Quantity
	UPS OUTGOING PANEL		
1.	Design, manufacture, supply, installation and testing commissioning of the following extensible cubicle type indoor mounting Powder coated, modular compartmentalized IP 42, dead front, dust and vermin proof, floor mounting 2mmthick sheet steel clad switchboard suitable for use at 415 volts 3 phase 4 wire 50 cycle system .	nos	3
	NOTE: The following provisions shall be required to be made in the switchboard detailed below		
	The switchboard shall have provision for entry of all PVCA cables/bus duct from the top/bottom as required.		
	All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The busbar insulation shall be with heat shrinkable sleeves. SMC/DMC shrouds and busbar supports shall be used..		
	Suitable tinned copper extension links for incoming/outgoing cables shall be provided wherever required		
	Multi function Meter with individual 4pole control mcb of suitable rating should be there, CTs with proper rating should be provided for the connection of MFMs, control wiring should be of minium 2.5sqmm copper multistrand FR wire		
	All MCCB outgoing to be brought to the cable alley by connecting 4way connector of 200A rating for 125A MCCB outgoing		
	The incomming of the 125A MCCBs should be bus bar and outgoing cables should be of 25.0 sqmm multistrand single core copper wire		
	Suitable R,Y,B,Black and green color coding should be used to identify the 3phases in all the connectors, Proper insulations should be there between live terminal and panel cover. Fedeer namings should be there in each MCBs, MCCBs and MFMs. The panel should be embosed in the top of the panel.		
	Bus bar should be E91E electrical grade Aluminium of size for Earth 1Rx25x6mm , For Neutral 1Rx80x10mm, For Phase 3Rx80x5mm		
	INCOMMER - TYPE FNX 400 FP L&T (with fuse)		
	BUSBAR		
	Electrolytic high conductivity aluminium three phase and neutral busbars rated at 500 amps suitable to with stand symmetrical fault level og 25 M. V. A at 415 volts. The neutral busbar is to be of 100% capacity.		
	Phase - L1,L2,L3 - 500A (each 80x5mm), Neutral - (80x10mm), Earth - (1R-25x6mm)		
	OUTGOINGS		
	5 no's 125 amps TPN MCCB 25 Ka with thermal magnetic release having overcurrent and short circuit magnetic protection		
	OUTGOING - TYPE - DNO-125D (thermal 100-125) L&T		
	The Switchboard shall be complete with all interconnections, risers, internal wiring, labels etc complete as required		



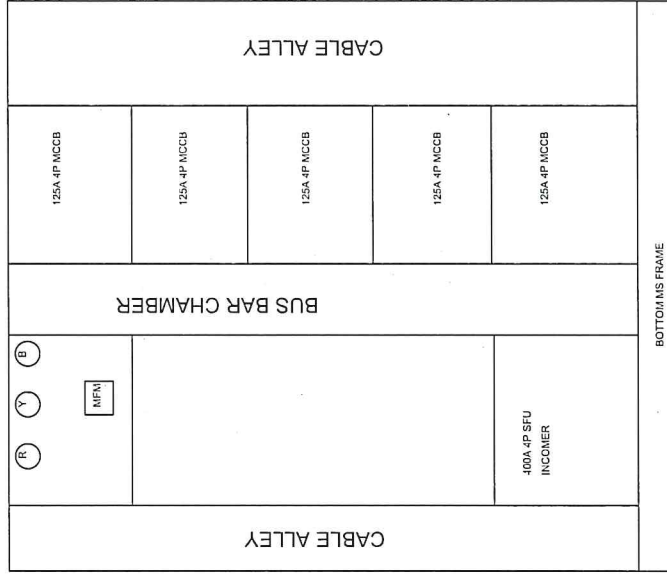
Sl.No	Description	Unit	Quantity
	TEMPORARY DISTRIBUTIONPANEL -1		
1	Design, manufacture, supply, installation and testing commissioning of the following extensible cubicle type indoor mounting Powder coated, modular compartmentalized IP 42, dead front, dust and vermin proof, floor mounting 2mmthick sheet steel clad switchboard suitable for use at 415 volts 3 phase 4 wire 50 cycle system	no	1
	NOTE: The following provisions shall be required to be made in the switchboard detailed below		
	The switchboard shall have provision for entry of all PVCA cables/bus duct from the top/bottom as required.		
	All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The busbar insulation shall be with heat shrinkable sleeves. SMC/DMC shrouds and busbar supports shall be used..		
	Suitable tinned copper extension links for incoming/outgoing cables shall be provided wherever required		
	Multi function Meter with individual 4pole control mcb of suitable rating should be there, CTs with proper rating should be provided for the connection of MFMs, control wiring should be of minium 2.5sqmm copper multistrand FR wire		
	All MCCB and MCB outgoing to be brought to the cable alley by connecting 4way connector of 100A rating for 63A MCCB and 63A rating for 32 Amp MCB outgoing		
	The incoming of the 63A MCCBs should be bus bar and outgoing cables should be of 16.0 sqmm multistrand single core copper wire		
	The incoming and outgoing of the 32A MCBs should be should be of 10.0 sqmm multistrand single core copper wire		
	Suitable R,Y,B,Black and green color coding should be used to identify the 3phases in all the connectors, Proper insulations should be there between live terminal and panel cover. Fedeer namings should be there in each MCBs, MCCBs and MFMs. The panel should be embossed in the top of the panel.		
	INCOMMER		
	INCOMMER - SFU, Cat- FNX 160 TPN, with 160A HRC fuses 3nos, 1set, L&T		
	BUSBAR		
	Electrolytic high conductivity aluminium three phase and neutral busbars rated at 250 amps suitable to with stand symmetrical fault level og 25 M. V. A at 415 volts. The neutral busbar is to be of 100% capacity.		
	Bus bar should be E91E electrical grade Aluminium of size for Earth 1Rx25x6mm , For Neutral 1Rx40x10mm, For Phase 3Rx40x6mm		
	OUTGOINGS		
	SFU-1set, Cat -FNX 63 TPN / FP, with 63A HRC fuses 3nos each L&T		
	Outgoing - 4pole 32A mcb'C', 10kA, 415VAC, Legrand/ABB, 8nos		
	The Switchboard shall be complete with all interconnections, risers, internal wiring, labels etc complete as required		



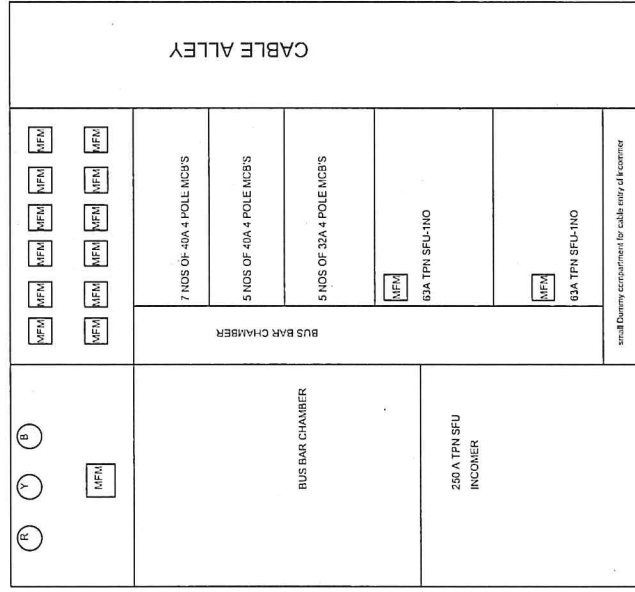
Sl.No	Description	Unit	Quantity
	TEMPORARY DISTRIBUTIONPANEL -2		
1	Design, manufacture, supply, installation and testing commissioning of the following extensible cubicle type indoor mounting Powder coated, modular compartmentalized IP 42, dead front, dust and vermin proof, floor mounting 2mmthick sheet steel clad switchboard suitable for use at 415 volts 3 phase 4 wire 50 cycle system	no	1
	NOTE: The following provisions shall be required to be made in the switchboard detailed below		
	The switchboard shall have provision for entry of all PVCA cables/bus duct from the top/bottom as required.		
	All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The busbar insulation shall be with heat shrinkable sleeves. SMC/DMC shrouds and busbar supports shall be used..		
	Suitable tinned copper extension links for incoming/outgoing cables shall be provided wherever required		
	Multi function Meter with individual 4pole control mcb of suitable rating should be there, CTs with proper rating should be provided for the connection of MFMs, control wiring should be of minium 2.5sqmm copper multistrand FR wire		
	All SFU and MCB outgoings to be brought to the cable alley by connecting 4way connector of 100A rating for 63A MCCB and 63A rating for 32 Amp MCB outgoings		
	The incoming of the 63A SFUss should be bus bar and outgoing cables should be of 16.0 sqmm multistrand single core copper wire		
	The incoming and outgoing of the 32A MCBs should be should be of 10.0 sqmm multistrand single core copper wire		
	Suitable R,Y,B,Black and green color coding should be used to identify the 3phases in all the connectors, Proper insulations should be there between live terminal and panel cover. Fedeer namings should be there in each MCBs, SFU, and MFMs. The panel should be embossed in the top of the panel.		
	INCOMMER 1no- SFU TYPE - FNX 250 TPN, with 250A HRC fuses 3nos, L&T		
	BUSBAR		
	Electrolytic high conductivity aluminium three phase and neutral busbars rated at 500 amps suitable to with stand symmetrical fault level og 25 M. V. A at 415 volts. The neutral busbar is to be of 100% capacity.		
	Bus bar should be E91E electrical grade Aluminium of size for Earth 1Rx25x6mm , For Neutral 1Rx40x10mm, For Phase 3Rx40x6mm		
	OUTGOINGS		
	SFU- 2sets, Cat -FNX 63 TPN / FP, with 63A HRC fuses 3nos each, L&T		
	Outgoing - 4pole 32A mcb'C', 10kA, 415VAC, Legrand/ABB, 17nos		



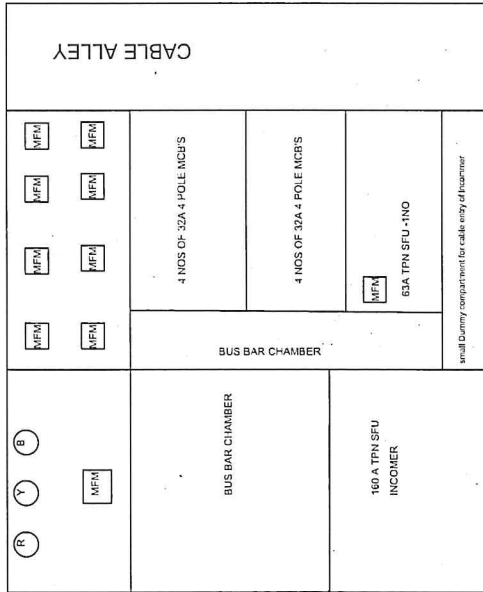
UPS INCOMING PANEL



TEMPORARY DISTRIBUTION PANEL - 2



TEMPORARY DISTRIBUTION PANEL - 1



NOTE:

1. EACH MFW SHOULD HAVE INDIVIDUAL CONTROL MCB FOR CONTROL WIRING
2. EACH FEEDER DETAILS SHOULD BE EMOSED ON INDIVIDUAL MCB'S AND MCCB'S Example:- incomer- fdr-1, rest fdr1. 1, fdr 1.2, fdr 1.3 etc.
3. EACH MFW SHOULD HAVE INDIVIDUAL FEEDER NUMBER AS MENTIONED IN RESPECTIVE MCB'S AND MCCB'S
4. EARTHING BUS BAR TO BE PROVIDED INSIDE THE PANEL AS IT IS NOT SHOWN IN THE DRAWING
5. PANEL SHOULD BE MANUFACTURED ACCORDING TO THE BOQ.
6. PANEL SHOULD BE COMPACT AND FLOOR MOUNTING TYPE. IT SHOULD OF 2 MM THICK SHEET STEEL WITH POWDER COATING
7. ALL THE TEMPORARY DISTRIBUTION PANEL SHOULD BE MADE SMALL AND COMPACT

