

Ref: INS/L-5985/2019-2020(Y)

Date : 29/01/2020

### 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 items as per the list Attached		1.00	No

**Remarks :**

**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  
14/02/2020 till 14.00 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 sated in your quotation,seperately.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 advolerum 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.



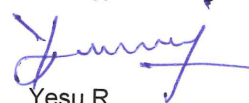
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**12.If the item is covered under DGS&D rate contract,please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.**

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

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.

INS/L-5985/2019-2020(Y)			
SL NO	ITEM DESCRIPTION	UNIT	QTY
1	Heavy duty Gas filled power Capacitor for the following ratings		
a	Heavy duty Gas filled power Capacitor,5 KVAR,3 phase,Delta connection,dielectric:MPP 'SH',discharge resistor E,50 Hz,Impregnant:NPCB,IE 60831:2002 .Ref:-LTCCN305B2 Make:L&T or Equivalent.	nos	2
b	Heavy duty Gas filled power Capacitor,10 KVAR,3 phase,Delta connection,dielectric:MPP 'SH',discharge resistor E,50 Hz,Impregnant:NPCB,IE 60831:2002 .Ref:-LTCCN310B2 Make:L&T or Equivalent.	nos	3
c	Heavy duty Gas filled power Capacitor,25 KVAR,3 phase,Delta connection,dielectric:MPP 'SH',discharge resistor E,50 Hz,Impregnant:NPCB,IE 60831:2002. Ref:-LTCCN325B2 Make:L&T or Equivalent.	nos	6
2	Capacitor Contactor for the following ratings		
a	Capacitor duty contactor,for 5 KVAR capacitor,Coil voltage-500v,operating voltage 690v (Ref:-L&T MOC-8.5) or Equivalent.	nos	2
b	Capacitor duty contactor,for 10 KVAR capacitor,Coil voltage-500v,operating voltage 1000v (Ref:-L&T MO C12.5) or Equivalent.	nos	2
c	Capacitor duty contactor,for 25 KVAR capacitor,Coil voltage-500v,operating voltage 690v (Ref:-L&T MOC-25) or Equivalent.	nos	2
d	Capacitor duty contactor,for 50 KVAR capacitor,Coil voltage-500v,operating voltage 1000v (Ref:-L&T MOC-50) or Equivalent.	nos	2
e	Add on block:Auxiliary Contactor add on block for left side, rated 415 voltage,10A AC,1NO, IEC 60947-5-1 Ref Make:-L&T MO-SA1L or Equivalent.	nos	5
3	Pressure based liquid level sensor for the following ratings		
a	Supply voltage:12-36V DC,Output:4-20mA,Range:0-5mH2O,Measuring medium:Liquid,Material:Stainless steel.Make:Omicron sensor,10mtrs length,Model No:-L7521-7-005M or Equivalent.	nos	4
b	Supply voltage:12-36V DC,Output:4-20mA,Range:0-5mH2O,Measuring medium:Liquid,Material:Stainless steel.Make:Omicron sensor,5mtrs length,Model No:-L7521-7-005M or Equivalent.	nos	3
4	LT CABLES:		
	Sheathed ,Stranded conductor, flat plate strip/wire armoured cables conforming to IS :7098/Part I (with latest amendments) and of following sizes.The cables shall bear ISI certification mark. Make:Finolex/Polycab or Equivalent.		
a	2C x10 sqmm xlpe aluminium cables	mtr	100
b	4C x 10 sqmm xlpe aluminium cables	mtr	100
c	4C x 16 sqmm xlpe aluminium cables	mtr	100
d	4C x 2.5 sqmm xlpe copper cables	mtr	100
e	Cable Gland:-19mm Single Compression Brass Cable Glands	nos	6
3	Gland earthing clip:- Copper gland earthing clip required for the following armored cable brass compression gland		
a	for 19mm gland	nos	70
b	for 22mm gland	nos	70
c	for 25mm gland	nos	50
d	for 32mm gland	nos	50
e	for 38mm gland	nos	50
f	for 50mm gland	nos	20
4	Saddles:-Iron saddles confirming ISI standards for the following sizes		
a	20mm	nos	200
b	25mm	nos	200
c	32mm	nos	200
d	38mm	nos	100
e	50mm	nos	50
5	DC lamp with fitting:-12v 50w 36 degree,Diameter: 51 mm,Warm White,2950k lamp fitting	nos	3
6.a	Halogen fitting:1x1000 w Halogen fitting with lamp 240v rated voltage	nos	2
b	Halogen lamp suitable for the above 1000w fitting	nos	10
c	Halogen fitting:1x500 w Halogen fitting with lamp 240v rated voltage	nos	2
d	Halogen lamp suitable for the above 500w fitting	nos	10
7	Silica gel:-Silica Gel for transformer breather,color:-Blue	kg	3
8	MCCB:MCCB 414/440v 50/60Hz for the following ratings		
a	250A,3pole, U <sub>ipm</sub> :8kV,I <sub>cu</sub> :36kA,I <sub>cs</sub> :100%,CAT:A IEC 60947-2 Ref Make:-L&T DN2-250D,DN2 MTX 1.0	nos	4
b	Spreader links required for the above rated MCCB 250A 3 pole rated for both incoming side and outgoing side 6 pieces for each MCCB as per the ISI standards	set	4
8	ON delay timer:ON delay timer 5Amps@250V AC/28V DC Resistive Load with 2 NC & NO in it,Ref:-EAPL Model A1D1-X(60M) or Equivalent.	nos	4
10	Supply of the following medium copper lugs		
a	Copper reducer terminal with insulated on it-1sqmm	nos	500
b	Copper U-shaped terminal with insulated on it-1sqmm	nos	500





c	Copper reducer terminal-1.5sqmm		
d	Copper reducer terminal-2.5sqmm	nos	1000
e	Copper reducer terminal-4sqmm	nos	1000
f	Copper reducer terminal-6sqmm	nos	1000
g	Copper reducer terminal-10sqmm	nos	1000
h	Copper reducer terminal-16sqmm	nos	500
i	Copper reducer terminal-25sqmm	nos	100
j	Copper reducer terminal-35sqmm	nos	100
k	heavy duty Copper tube terminal-10sqmm with 8mm stud hole	nos	100
l	heavy duty Copper tube terminal-16sqmm with 8-10mm stud hole	nos	300
m	heavy duty Copper tube terminal-25sqmm with 10mm stud hole	nos	300
n	heavy duty Copper tube terminal-35sqmm with 10mm stud hole	nos	100
o	Aluminium through lugs 16sqmm	nos	100
p	Aluminium through lugs 10sqmm	nos	20
q	Aluminium through lugs 25sqmm	nos	20
r	Copper reducer terminal-50sqmm	nos	20
s	Copper tube terminal-50sqmm	nos	20
11	POP screws for the following sizes	nos	20
a	0.5"		
b	0.75"	nos	300
c	1"	nos	1000
d	1.5"	nos	1000
e	2"	nos	200
f	3"	nos	100
12	Cable tie for the following sizes	nos	100
a	150mm		
b	200mm	pack	5
c	250mm	pack	5
13 a	Cable tie base 25x25mm of 100 nos each	pack	5
b	Cable tie base 20x20mm of 100 nos each	pack	3
14	Wire multistranded single core copper FRLSH 90 mtrs coil for the following sizes	pack	3
a	1 sqmm.(Grey-3,Black:-4)		
b	10sqmm(Red-1,yellow-1,blue-1,black-2,Green-2)	coil	7
15	Hylam sheet:-Hylam sheet 1mtr by 1 mtr, 5mm thickness high quality	coil	7
16	Timer :- Digital Timer TM-619-2 Make:Frontier or Equivalent.	nos	3
17 a	Anchor fastner: 8mmx50mm Anchor fastner with hex nuts	nos	10
b	8mm nut: 8mm hex MS nuts	nos	150
c	10mm washer for the 8mm bolt	kg	2
	Copper Material Busbar Pin Type 3 Pole Distribution Box Copper Connector Busbar ISO: 9001 Red copper and fire-resistant PVC for	nos	500
19	the following ratings of 100cm length		
a	32A		
b	50A	nos	1
c	63A	nos	1
d	80A	nos	1
e	100A	nos	1
	Copper Material Busbar Pin Type 2 Pole Distribution Box Copper Connector Busbar ISO: 9001 Red copper and fire-resistant PVC for		
20	the following ratings of 100cm length		
a	20A		
b	32A	nos	2
c	50A	nos	2
d	63A	nos	1
	Copper Material Busbar Pin Type 1 Pole Distribution Box Copper Connector Busbar ISO: 9001 Red copper and fire-resistant PVC for		
21	the following ratings of 100cm length		
a	63A		
22	PVC Insulated end cap for the above mentioned MCB link bars,100nos	nos	3
23	Din rail: Steel Din rail 1mm thick 20-30mm width	pack	1
24 a	Terminal block/MCB Din rail:Terminal Block/MCB Din rail of 3-5 mm thick and 20-30 mm width	mtr	5
b	Terminal block:Terminal Block required for the above dinrail for 6A rating	mtr	5
25	Plug Top,Polycarbonate for the following ratings Make:Anchor or Equivalent.	nos	100
a	240v 6 Amp 3 Pin Top		
b	240v 16 Amp 3 Pin Top	nos	30
26	Neutral link:Brass Neutral link with insulated base for the following sizes	nos	30
a	4way		
		nos	10



b	8way	nos	10
c	10way	nos	10
d	12way	nos	10
27	Junction box Cover:Round PVC junction box closing cover	nos	50
28	Earthing Strip:Flat earthing strip,Material Use :- M.S Flat,Size :- 25 x 6mm,Finishing :- Hot-Dip G.I , Electro Plating.	mtr	10
29	Wire Fastener Circle Cable Clip of hardened nail required for the following sizes of 100 nos		
a	6mm of diameter	pack	2
b	8mm of diameter	pack	2
c	10mm of diameter	pack	2
30	Flood light for the following rating conforming to IP65/66 standards		
	LED Flood light 20W,Input Voltage : AC220-240V, 50/60Hz		
a	Operating voltage range : 90-305V,Flux:1700lm,6500K,220X50X311	nos	4
b	Flood light 50W,Input Voltage : AC220-240V, 50/60HzOperating voltage range : 90-305V,Flux:5000lm,6500K,20x12x6 cm	nos	3
c	Flood light 100W,Input Voltage : AC220-240V, 50/60HzOperating voltage range : 90-305V,Flux:14000lm,6500K	nos	2
32	MS CONDUIT SHARP BEND:-Inspection sharp bend, SCREW TYPE,confirming to ISI standards,with ISI mark for the following sizes		
a	20mm to 20mm,1.6MM THICKNESS	nos	50
b	25mm to 25mm,1.6MM THICKNESS	nos	50
c	32mm to 32mm,1.6MM THICKNESS	nos	30
33	MS CONDUIT ELBOWS:-Elbows		
a	elbows,size 20mm to 20 mm, screw type,1.6MM THICKNESS	nos	50
b	elbows,size 25mm to 25 mm, screw type,1.6MM THICKNESS	nos	50
c	Elbows ,size 32mm to 32 mm, screw type,1.6MM THICKNESs	nos	30
34	Saddles:-iron staples/ saddles/ screws confirming ISI standards for the follwing sizes		
a	32 mm	nos	100
b	20 mm	nos	200
c	25 mm	nos	200
35	MS perforated cable tray painted with powder coating 100 X 50 X 1.6 mm	mtr	30
36	CFL		
a	18W 2 pin CFL,Make:Philips	nos	25
b	18W 4 pin CFL,Make:Philips	nos	25
c	Electronic choke required for the above 18W 2pin lamp	nos	15
d	14w t5 TUBELIGHT 2FEET,CFL	nos	10
37	LED lamp		
a	18W LED PLL 4 Pin,Make:-Philips or Equivalent.	nos	30
b	18W 4feet LED tube light,Make:-Philips or Equivalent.	nos	25
38	LED Driver for the following ratings		
a	LED driver 9W,Input voltage:230V,Output Voltage:-30v,260mA,Make:-Philips or Equivalent.	nos	15
b	LED driver 25W 700mA Output voltage:- 28-39V,Input voltage:- 240V Make:-Philips or Equivalent.	nos	5
39	a Supply of the following Wiring Accessories		
b	6modular wrap around white front plate-MK or Equivalent.	nos	20
c	6A SOCKET-MK-W26423	nos	100
d	6A SWITCH-MK-W26401A	nos	100
e	6A SOCKET-LEGRAND-ARTEOR-573470	nos	20
f	6A SWITCH-LEGRAND-ARTEOR-573400	nos	20
g	16A SOCKET-LEGRAND-ARTEOR-573471	nos	10
h	20A SWITCH-LEGRAND-ARTEOR-573410	nos	10
i	3 modular-weather proof box-legrand-680613	nos	5
j	6 MODULAR Legrand 054012 Matt Al Popup Box	NOS	5
h	insulation tape make:Wonder Achem(Red=20,Yellow=20,Blue=20,Black=20,Green=20)	NOS	100
40	Cotton waste,cleaning cloth etc.,	kg	5
41	MPCB for the below ratings		
a	MPCB rotary 9-14A with 2NO 3pole ,Make:-Schneider Ref:-GV2ME16 or Equivalent.	nos	2
b	MPCB Rotary 6.3-10.0,3pole,100kA with 2NO ,Make:-L&T Supernova Ref:-MOG-H1-1000 or Equivalent.	nos	1
c	MPCB rotary 4-6.3A,3pole,100kA with 2NO ,Make:-L&T supernova Ref:-MOG-HT-0630 or Equivalent.	nos	1
d	MPCB rotary 2.5-4A with 2NO ,Make:-L&T supernova Ref:-MOG-HT-0400 or Equivalent.	nos	1
42	Finned strip air heater double tube 1.5kW,230V rated around 12" length with base	nos	8
43	a Gasoline Gauging Paste:Disel dipstick level indicating paste.	box	2
44	a Batteries:-Rocket 12V 18AH rechargeable Battery SMF VRLA (UPS Battery/Uninterrupted Power Supplies)	nos	10
b	Rocket 12V 2.5AH rechargeable Battery SMF VRLA (UPS Battery/Uninterrupted Power Supplies)	nos	10

