

**ADVERTISED TENDER NOTICE**

**REGIONAL CENTRE FOR BIOTECHNOLOGY**

an institution of education training & research

(Established by Department of Biotechnology, Government of India under the auspices of UNESCO)

Interim Laboratories : 180, Udyog Vihar, Phase-1, Gurgaon -122016.

Date: 08.11.12

**BRIEF NOTICE INVITING TENDER**

**Sealed tenders are invited in two Parts, I- Technical Bid and II- Price Bid on behalf of the Executive Director RCB, for the following items at Regional Centre for Biotechnology (RCB), 180, Udyog Vihar Phase-I, Gurgaon and for Advance Technology Platform Centre(ATPC) at 181, Udyog Vihar, Phase-I, Gurgaon:-**

<b>Tender Ref.</b>	<b>Particulars / Item Nomenclature</b>	<b>Tender Fee (in INR)</b>	<b>Bid Security/EMD (In INR)</b>
<b>RCB/04-01/ 05/NIT/11/2012-13</b>	<b>Supply, Laying, Testing and Commissioning of Miscellaneous Electrical wiring works on rate contract basis for one year</b>	500/-	42,000/-
<b>RCB/04-01/ 06/NIT/12/2012-13</b>	<b>Supply of Electrical Luminaires Fixtures on Rate Contract basis for one year</b>	500/-	11,000/-

2. For detailed tender document (containing Schedule of work, General terms & conditions and other details) may be downloaded from the websites [www.eprocure.gov.in](http://www.eprocure.gov.in) (CPPP), [www.rcb.ac.in](http://www.rcb.ac.in) and [www.rcb.res.in](http://www.rcb.res.in). **Sealed Bids will be received up to 15:00 hrs on or before 30.11.2012 and opening of Tenders (Technical bid) will be on 30.11.2012 at 15:30 hrs.**

**SR.  
MANAGER(A&F)**

**NOTICE INVITING QUOTATIONS**

**Sealed tenders are invited in two Parts, 1- Technical Bid and II- Price Bid** on behalf of the Executive Director, Regional Centre for Biotechnology for the work on rate contract basis, as per schedule and General terms & conditions available in the Centre at, 180, Udyog Vihar, Phase-1, Gurgaon.

**01. Name of work** : **Supply, Laying, Testing and Commissioning of Miscellaneous Electrical wiring works for one year on rate contract basis for Regional Centre for Biotechnology 180, Udyog Vihar, Phase-1 Gurgaon and Advance Technology Platform Centre at 181, Udyog Vihar, Phase-I, Gurgaon**

**02. Estimated annual cost** : **Rs 21.80 Lac**

**03. Earnest money** : **Rs. 42,000/-**

**04. Last date of sale of tender** : **29.11.12 up to 12:00 Noon.**

**05. Last date of receipt of tender** : **30.11.12 up to 3.00 PM**  
**(Both technical and price bid)**

**06. Date of opening of the tender** : **30.11.12 at 3.30 PM**  
**(Technical bid only)**

**07. Time of completion of job** : **30 days for completion of each job under the contract.**

**08. Cost of tender** : **Rs. 500/- (Non-refundable)**

**09. Pre-qualification criteria:-**

**(a) The contractor should be registered in CPWD, PWD, MES, Research and Development Lab of Govt Deptt., Autonomous Body(s) or in any other Govt. department.**

**b) The contractor should have valid electrical license to work in Delhi-NCR.**

**c) Contractor must submit solvency certificate of Rs 8 Lac issued by Nationalised bank/scheduled bank addressed to Executive Director, RCB.**

**(d) The contractor should have completed at least one similar work of value not less than 16 lac, two works of 12 lac and three similar works of 8 lac of value in CPWD, PWD, R&D of Govt Department ,Autonomous Body, in any other Govt or Reputed private Sector, in preceding three years. (Similar nature of work means “Supply, Laying, Testing and Commissioning of Miscellaneous Electrical wiring works such as LT internal wiring etc.)**

**Attested copies of the Completion Certificates issued by the Executive Engineer or above/head of department are required to be enclosed with the technical bid only. on short fall of any document/ demand drafts (EMD) and Tender Cost, etc., the tender will summarily be rejected and no correspondence will be entertained. Decision of the Competent Authority shall be final and binding in this regard.**

**The contractor should also give complete details of the concerned authority such as name with designation, valid address, telephone/ mobile number with STD Code, etc. Contractors must submit definite proof from the appropriate authority, of having satisfactorily completed above said completion of three similar works, during the last three years which shall be to the satisfaction of the Centre. The completed works will be open to inspection (inspection will be done at the risk and cost of the contractor) and in case works is not up to the standard, the tender will summarily be rejected & no queries will be entertained in this regard.**

**(e) No subletting or sub-contracting of the work will be permitted without the expressed consent of RCB authorities.**

**The envelopes should be super-scribed clearly with Name of work and ‘TECHNICAL BID’/ ‘PRICE BID’, providing name(s) and postal address of the Contractor with Phone/ Mobile/ Fax numbers and e-mail address if any.**

**The offer shall remain open for at least 60 days. Earnest Money Deposit (EMD) amounting to Rs.42,000/-and tender fee Rs 500/- (separate Demand Drafts) shall be accepted only in the form of Demand Draft drawn in favour of the Executive Director, RCB, payable at Gurgaon and submitted along with Part-I, Technical Bid without which the tender will summarily be rejected.**

**Senior Manager (A&F)**

## TERMS AND CONDITIONS

1. The work shall be done as per schedule of work, specification terms and conditions and instruction of Engineer-in-charge.
2. Quantities are indicative and the bidder is to inspect the site for estimating quantities as per site requirement. RCB reserves the right to issue orders under the contract, the cumulative value of which may vary from the estimated quantity/cost. Contractor will have no objection for variation in quantities thereon. Measurement will be as per actual work executed.
3. No advance payment shall be made.
4. Income Tax shall be deducted from the bill as per GOI rules for which the contractor should have a PAN No. in the name of registered company or proprietor for depositing TDS.
5. Security deposit of 10% of each bill will be deducted and same will be released after successful expiry of defect liability of one year from date of completion of each work.
6. The work shall stand guaranteed for a period of one year from the date of its final completion.
7. The rates shall be inclusive of all taxes, duties and cartage. Rates must be **valid and firm** for **contract period of one year** from the date of award of contract.
8. No T&P shall be supplied by the Institute.
9. The overall lowest bidder has to match the justified lowest rates of those individual items where their quoted rates are higher.

**Senior Manager (A&F)**

### List of Approved Make

- |   |  |
|---|--|
| 1. MCCB   | L&T/ Merlin Green/ Siemens/ ABB        |
| 2. MCB  | Havel's/Standard/Merlin Green /Legrand |
| 3. Cable  | Gloster/ CapCab/ National/ Delton      |
| 4. Wire   | Kalinga Gold / Havels/ Plaza           |
| 5. Lugs   | Dowells/ Electrica                     |
| 6. On load change over switch   | HPL / L&T/ Crompton                    |
| 7. Modular switches, sockets, blanks<br>Modular Fan steps regulators, cover plate,<br>Modules | Athena Crabtree, MK                    |
| 8. Piano s/w/socket   | Anchor penta PC                        |
| 9. DP Boxes   | Havells                                |
| 10. Race Way  | MK/AKG                                 |
| 11. Contactor   | L & T/ Siemens/ HPL/ ABB               |

## GENERAL TERMS AND CONDITIONS

**Work:** Supply, Laying, Testing and Commissioning of Miscellaneous Electrical wiring works on rate contract basis (One year) for Regional Centre for Biotechnology 180, UdyogVihar, Ph-1 Gurgaon and Advance Technology Platform Centre at 181, UdyogVihar, Phase-I, Gurgaon

01. The work shall be done as per tender's terms and conditions, schedule of work, specification and as per the instruction of the Engineer-in-Charge.
02. The contractor should quote rates which must be **firm and valid for a period of one year from date of award of contract.**
03. The Contractor shall be held responsible for any damage to the equipment(s) / injuries to personnel, caused due to faulty operation/ poor servicing/ mishandling etc by their staff and shall rectify the defects free of cost. Decision of the RCB, authority shall be final in this matter.
04. The Executive Director, RCB reserves the right to cancel any or all the tenders without assigning any reason.
05. Duly sealed tenders shall be dropped in the tender box placed at the reception counter of the RCB building
06. Income tax shall be deducted from the bill as per income tax rules of Govt of India rules. PAN/TIN numbers may be provided along with copies thereof.
07. Electricity and water required for executing the work at site shall be made available by RCB free of cost.
08. No escalation in any form either of materials or of labour shall be payable by the Centre.
09. All materials brought at site shall be got approved by the Engineer-in-charge before being used
10. No T & P shall be supplied by the Institute.
11. The rates shall be inclusive of all taxes, duties and cartage etc.
12. The contractor shall submit a list of staff employed by him showing their full name, local and permanent address, age. Contractor shall be fully responsible for the safety and security of their staff. No compensation shall be payable by RCB in case of any accident/ death of any of them while operating/ working/carrying out job under tender or otherwise due to any other reasons happened in or outside RCB. The contractor shall indemnify RCB for such incidents.

13. The Contractor shall offer a guarantee for the workmanship and materials supplied for a period of one year from date of completion date of final bill.

14. Time allowed for the work shall be strictly followed otherwise the contractor shall be liable to pay compensation at the rate of 0.5% of the contract value of the job undone per week of delay on the part of the contractor subject to a maximum of 5% of the total contract value.

However, for any reason beyond the control of the contractor, the extension of time shall be granted upon application by the contractor in prescribed format. No claim for any compensation during the extended period shall be entertained and the centre's decision in this regard shall be final.

15. For proper completion of the work, if any quantity variation or extra items of work are involved, the contractor shall execute the same. Rates of extra items shall be derived from the tender itself as far as possible or else prevailing market rates shall be adopted.

16. In case the Contractors resiles from the offer within the validity of tender or contractor fails to commence the work after issue of the award letter, the earnest money will be forfeited. After commencement of the contract, the amount of earnest money will be converted into security deposit.

17. Any claim dispute or difference arising out of or in connection with this agreement and which cannot be settled by mutual consultations, shall be referred to sole Arbitration or an Arbitrator to be appointed by mutual consultations. The award of the Arbitrator shall be final and binding between the parties to this agreement. The Arbitrator proceeding shall be governed by the Arbitration and conciliation ordinance dated 26<sup>th</sup> March, 1996 and shall be conducted in Delhi.

The agreement drawn shall be subjected to the jurisdiction of the courts at Delhi.

**Senior Manager (A&F)**

## Schedule of Quantities

**Work:** Supply, Laying, Testing and Commissioning of Miscellaneous Electrical wiring works on rate contract basis (one year) for Regional Centre for Biotechnology 180, UdyogVihar, Phase-1 Gurgaon and Advance Technology Platform Centre at 181, UdyogVihar, Phase-I, Gurgaon

Sl. No.	Description of Item	Qty	Unit	Rate	Amount
1	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed/ PVC conduit as required . Make- Plaza/Kalinga Gold				
	(a) 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	800	Mtr		
	b)2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	2000	Mtr		
	c)2 X 4 sq. mm + 1 X 2.5 sq. mm earth wire	1500	Mtr		
	d)2 X 10 sq. mm + 1 X 6 sq. mm earth wire	100	Mtr		
	e)2 X 16 sq. mm + 1 X 10 sq. mm earth wire	80	Mtr		
	f)4 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	75	Mtr		
	g)4 X 4 sq. mm + 2 X 2.5 sq. mm earth wire	500	Mtr		
	h)4 X 10 sq. mm + 2 X 6 sq. mm earth wire	150	Mtr		
2	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S.box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as require	15	Point		
3	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/recess steel/PVC conduit ,as required.				
	(a) 1 x 1.5 sq. mm	200	Mtr		
	(b) 2 x 1.5 sq. mm	200	Mtr		
	(c) 3 x 1.5 sq. mm	150	Mtr		
	(d) 3 x 2.5 sq. mm	150	Mtr		
	(e) 2 x 2.5 sq. mm	100	Mtr		
	(f) 4 x 2.5 sq. mm	500	Mtr		

	(g) 2 x 4 sq. mm	200	Mtr		
	(h) 3 x 4 sq. mm	500	Mtr		
	(i) 4 x 4 sq. mm	300	Mtr		
4	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
	(a) 20 MM	200	Mtr		
	(b) 25 mm	2000	Mtr		
	(c) 32 mm	400	Mtr		
5	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc as required.				
	(a) 100 mm X 100 mm X 60 mm deep	10	Ea		
	(b) 150 mm X 75 mm X 60 mm deep	10	Ea		
	(c) 150 mm X 150 mm X 60 mm deep	8	Ea		
	(d) 200 mm X 150 mm X 60 mm deep	6	Ea		
6	Supplying and fixing following piano type switch/socket on the existing switch box/ cover including connections etc. as required.				
	(a) 5/6 amps switch	200	Nos		
	(b) 15 Amp Switch	150	Nos		
	(c) 6 pin 5/6 amp socket outlet	150	Nos		
	(d) 6 pin 15/16 amp socket outlet	150	Nos		
7	Supply and fixing of 6/16 Amp 6 PIN uni-socket(combine switch socket)with box make – Anchor Penta PC	75	Nos		
8	Supply and fixing of 6/16 Amp 6 Pin combine switch socket (with out box) in existing wooden/PVC raceway including connection , make –Anchor Penta PC	400	Nos		
9	Providing and fixing 16/0.20mm (0.50sqmm) twin flat flexible, FRPVC insulated, copper cable, in PVC sleeve of suitable size on the floor/ wall, or side of the table/ door etc. as required.	200	Mtr		

10	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.	6	Ea		
11	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.				
	(a) 100 Amp, 16 KA	8	Nos		
	(b) 125 Amp, 16 KA	10	Nos		
	(c) 160 Amp, 16 KA	6	Nos		
	(d) 250 Amp 16 KA	2	Nos		
12	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
	(a) 8 way single door	10	Nos		
	(b) 8 way double door	12	Nos		
13	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 100 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (but without MCB's and incomer) as required.				
	(a) 8 way (4 + 24), Double door Vertical type	12	Nos		
	(b) 4 way (4+12 ).Single door horizontal type	8	Nos		
14	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32amps 240 volts "C" curve double pole MCB complete with connections, testing and commissioning etc. as required.	15	Ea		
15	Supply, laying, testing and commissioning of following 1.1 KV grade multicore, XLPE insulated and sheathed Aluminium armoured cable on surfaced existing tray/ceiling wall/ hum pipe etc as required. All cables are to be provided with proper clamps/cable ties etc as required at site. (Make Gloster /Havels/Capcab/Polycab)				
	(a) 4 Core x 70Sq mm	75	Mtr		

	(b) 3.5 Core x 35 Sq mm	200	Mtr		
16	Supply and making cable end termination with double brass compression gland and aluminium lugs for the following size of XLPE insulated and PVC sheathed XLPE. Aluminium armoured cable of 1.1 KV grade and testing and commissioning etc as required at site Make- Dowells				
	(a) 4 Core x 70 Sq mm	8	Ea		
	(b) 4 Core x 35 Sq mm	16	Ea		
17	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	6	Nos		
18	Supplying and fixing 30 amps, 415 volts, TPN industrial type, socket outlet, with 4 pole and earth, metal enclosed plug top along with 30 amps "C" curve, TPMCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	3	Nos		
19	Supply and fixing of following 415 V MCB in existing MCB Box /DB complete with commissioning and testing as per site requirement and as approved by engineer-in -charge. Make-havell				
	(a) 5 AMP to 32 AMP SP MCB	200	Nos		
	(b) 40 AMP SP MCB	40	Nos		
	(c) 63 AMP SP MCB	30	Nos		
	(d) 40 AMP TP MCB	30	Nos		
	(e) 32 AMP TPN MCB	40	Nos		
	(f) 32 AMP DP MCB	40	Nos		
	(g) 16 Amp TPN	3	Nos		
	(h) 63 Amp TPN	25	Nos		
	(i) 100 Amp TPN Isolator MCB	8	Nos		

20	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.	180	Ea		
21	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	04	set		
22	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	03	Set		
23.	Supplying and laying and fixing 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/termination with GI thimble etc. as required	200	Mtr		
24	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	50	Mtr		
25	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	50	Mtr		

Total Rs

Signature of tenderer