

**राष्ट्रीय पादप जीनोम अनुसंधान संस्थान**  
**National Institute of Plant Genome Research**  
**Aruna Asaf Ali Marg, Near ICSSR, JNU Campus, New Delhi – 110067**  
**Phone: 26735161 Fax: 26741658**

F.No.-NIPGR/7/31(A)Elect. Vol. II

तिथि 01/07/2014

**NOTICE INVITING QUOTATIONS**


Sealed item rate quotations are invited on behalf of the Director, NIPGR, New Delhi, from approved & eligible contractors in respect of the following work, so as to reach his office on or before 14.07.2014 up to 3.00 P.M. The quotation shall be opened on the same day at 3.30 P.M. in presence of the intending quotationer.

**SCHEDULE OF QUANTITY**

**Name of the work: - Providing and fixing of additional power points in new labs in NIPGR Campus, New Delhi**

Sl. No.	Description	Qty.	UNIT	Rate (in Rs.)	Amount (in Rs.)
	As per enclosed Schedule of Quantity and Terms & Conditions				

**Encl.:** 1. Schedule of quantity.  
2. Terms & conditions.  
3. Indicative Drawing & detail

  
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Seal & Signature of Contractor

### Schedule of Quantity

Name of Work:- Providing and fixing of additional power points in new labs in NIPGR Campus , New Delhi					
<b>S.No</b>	<b>Description of item</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (Rs.)</b>	<b>Amount (Rs.)</b>
1	Supplying and fixing 20 amps rating, curve, miniature circuit breaker suitable for 240/415 volts, "C" SP in the existing MCB DB complete inductive load of with connections, removing of existing MCBs, testing and commissioning etc. complete as required and instruction of E.I.C	Each	165		
2	Supply and fixing of 150mm x 50mm of painted MS channel made of 14 gauge sheet steel with 3mm thick cover with all accessories as required including junction boxes, marking the routing, getting it approved, fixing on wall surface with all accessories in an approved manner, sealing of raceway cover, joints and junction boxes complete as required. Required junction boxes will be provided for smooth pulling of power cabling. The raceway shall be orange coloured and complete as required and instruction of E.I.C	Rmt.	330		
3	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit/steel raceway on wall alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for earthing including drawing in existing raceway and end termination with suitable size of Cu. thimble complete as required and instruction of E.I.C	Rmt.	1100		
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess or on steel raceway, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16amps modular switch, cutting of steel raceway cover, connection, testing etc. complete as required and instruction of E.I.C	Each	275		
<b>Total Amount</b>					
[Amount in Words:.....]					
 Consultant Engineer				Seal & Signature of Contractor	



## TERMS & CONDITIONS


**Name of Work: -Providing and fixing of additional power points in new labs in NIPGR Campus , New Delhi**

1. The site of the work is at NIPGR Campus, Aruna Asaf Ali Marg, New Delhi-110067
2. **The quotationer must visit the site before quoting the rates and make him acquainted with the topography of the site. The Institute shall entertain no extra claim later on.**
3. The rates are inclusive of Transportation/travelling, lodging/boarding, loading, unloading & handling and nothing extra will be paid.
4. The rates shall be inclusive of VAT, Octroi, etc., and nothing extra will be paid. **The Institute is exempted from payment of Service Tax. The quotationer quotes the item rate excluding Service Tax.**
5. The agency shall make own arrangement for the security of the material at the site.
6. The agency must get the prior approval of the material from the Engineer-In-Charge.
7. The agency shall have to arrange his own tools & plants including skilled & non-skilled manpower, welding machine, testing apparatus etc. required for execution of work and nothing extra will be paid.
8. The payment shall be made after completion of work; no advance payments will be made.
9. The work must be completed within 20 days after the date of issue of work order. In case the work is not completed within stipulated period, a compensation 1% per day subject to maximum of 10% of the work order amount shall be levied.
10. The following makes of material shall be acceptable:-
  - Steel Raceways : Yamodima/MEM/Supercabletray
  - TPN/MCB : Legrand/ Havells/SIEMENS/L&T
  - Switch/Socket/Plate/Cover : Legrand/ Havells/SIEMENS/L&T
  - Cables/Wires : Fort Gloster/ Skytone/ Kalinga/Polycab
  - Cable Gland/Lugs : Comet/ Peco/Dowells
  - Electrical Switchgears : Legrand/ Havells/SIEMENS/L&T
11. Testing & Commissioning of the installation will be done in the presence of Engineer-in-Charge or his authorized representative.
12. The data shall be provided for guidance to the contractor. The work shall be executed as per latest working drawings to be prepared by the contractor after award of work and submitted to the Engineer-in-charge for approval including any changes as may have been suggested by the Engineer-in-charge as required. The exact dimensions, location, distance & levels etc. shall be governed by the space conditions. After completion of work, the contractor shall have to submit Schematic Drawing, contractor wiring drawing and detailed BOQ for all Labs.
13. The cable must be megger tested before and after laying. Test reports for the cable shall be submitted in proper manner.
14. In case agency fails to do the work, the EMD of the agency shall be forfeited.
15. The work shall be executed by the electrical contractor having electrical license to execute the electrical work in CPWD/PWD/Railways/P&T Dept. or any scientific institutions.
16. The work shall be carried out as per CPWD specifications and to satisfaction of the Engineer -In - Charge. The agency shall also follow all labour laws as prevailing in Delhi.
17. The agency must have experience in the field of similar works. The agency shall submit copies of completion certificate of three similar works each of value not less than 2.95 lakhs or two similar





- works each of value not less than 3.70 lakhs or single similar work of value not less than Rs. 5.90 lakhs and having annual financial turnover of Rs. 7.00 lakhs during the last three years ending May 31, 2014. Similar works means internal electrification works in buildings or Labs in Govt. organizations, Govt. Autonomous organizations/PSUs and other reputed organisations.
18. A quotation must be accompanied with EMD amounting to Rs. 15000.00 (Rs. Fifteen Thousand Only). The EMD shall be in the form of demand draft of scheduled banks, drawn in favor of "Director, NIPGR" New Delhi. The EMD should be enclosed in separate envelope duly marked EMD, which shall be open first. **Without EMD, quotation will not be accepted.**
  19. All papers attached with this quotation should be signed & returned in original.
  20. **Security Deposit @ 10%** will be deducted from the bill.
  21. Security Deposit will be refunded after the completion of defect liability period of **12 months** w.e.f. actual completion date of work.
  22. The Institute reserves the right to reject/accept any or all quotation without assigning any reason.
  23. **Any minor alteration/modification/civil works shall be done free of cost by the contractor e.g. Cutting & refixing of granite skirting of tables, breaking & repairing of wall in good manner etc.**
  24. The Institute also reserves the right to reduce/ increase the scope of work/item of work to a maximum of 50% or delete a particular item.
  25. In case of any dispute, the decision of the E.I.C. shall be final & binding on the agency.
  26. The above work shall be executed by the skilled/trained manpower in electrical installation under the supervision of agency's engineer.
  27. The agency's office establishment should be based in NCR/Delhi.
  28. Any work not carried out as per instruction of the Engineer-in-Charge shall be dismantled and reconstructed by the agency and nothing extra shall be paid.
  29. Any damage to the existing installations during the execution of work will be the responsibility of the agency and will be made good to the satisfaction of the Engineer-in-charge and nothing extra will be paid. In case the site clearance and damages are not attended, a recovery shall be made as per CPWD rules.
  30. Any kind of accident / electrocution caused due to negligence or during the course of normal work etc. shall be responsibility of the agency and nothing extra will be paid.
  31. All safety precautions shall be taken so as to avoid any accident or inconvenience to the members of staff. The agency shall coordinate the work with the Institute's timing schedule.
  32. A copy of the TIN & PAN No. issued by the concerned authority must be enclosed with the quotation.

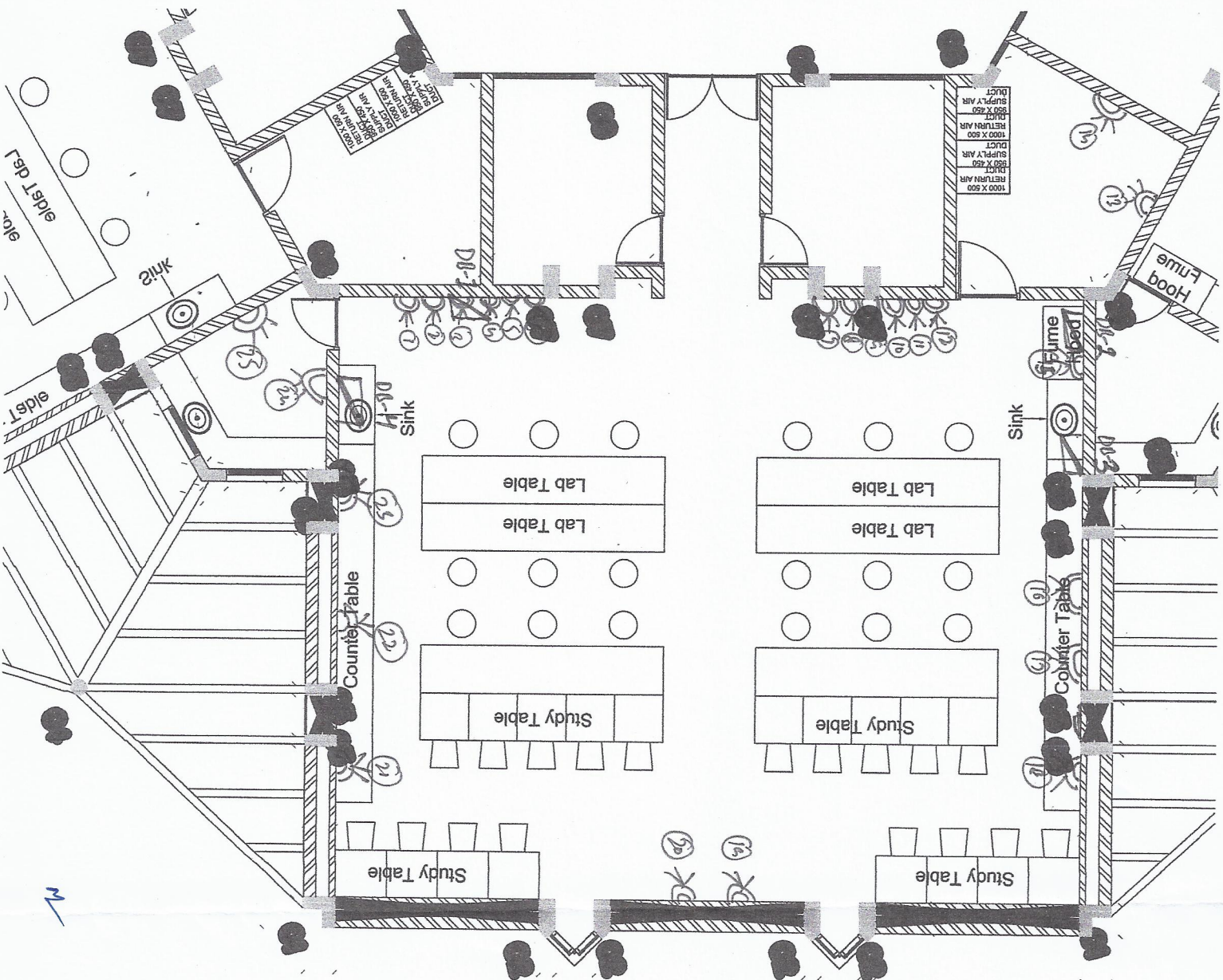
  
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**Seal & Signature of Contractor**



# GENERAL NOTES

1. WIRE COLOR AS PER E/C CIRCUIT PHASE COLOR CODE.
2. PERIODICALLY SHALL BE CARRIED AS PER CIRCUIT & DOG NO.



Power outlet No.	DB No.	CLT No.	S.P. MCB'S 100 AMP'S	No of points
1,2	1	C-1	20	2
3,4	1	C-2	20	2
5,6	1	C-3	20	2
7,8	2	C-4	20	2
9,10	2	C-5	20	2
11,12	2	C-6	20	2
13,14	2	C-7	20	2
15	2	C-8	20	1
16	E	E	E	1
17,18	3	C-10	20	2
19	3	C-11	20	1
20	4	C-12	20	1
21,22	4	C-13	20	2
23	E	E	E	1
24	E	E	E	1
25	1	C-16	20	1

- 16amp/6pin OUTLET WITH SWITCH  
TOTAL LABS - 11 Nos.

E- Existing Cables

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