



National Institute of Electronics and Information Technology (NIELIT) Guwahati

An Autonomous Scientific Society of Department of Electronics and Information Technology,
Ministry of Communications & Information Technology, Govt. of India
STPI Complex, Near LGBI Airport, Guwahati—781015

3rd Re-Tender Notice

No. NIELIT/GHY/EC-JOR/247-3/ISBT-ELEC/2K12/RT-3/828 Dated: 22nd November'2012

NIELIT Guwahati invites sealed tenders from reputed and Govt. registered Electrical Firms for Electrical Renovation Works having valid Electrical Supervisory License for carrying out Electrical wiring / fitting etc. works as detailed in the tender to be executed at Jorhat Extension Centre of NIELIT Guwahati located at 1st Floor, ISBT, Jorhat, Assam. The Tender Documents can be viewed and downloaded from the website <http://www.nielit.in> or <http://www.doeaccassam.ac.in> or <http://www.doeaccshillong.edu.in> and w.e.f. **22nd November 2012** (Thursday), 4:00 PM onwards and tenders **will not be issued** from the office of NIELIT Guwahati. The tender closes on 3rd December 2012 (Monday) at 10-30 A.M. at NIELIT Guwahati and will be opened on same day at 11:00 A.M. at NIELIT Guwahati near LGBI Airport, Borjhar, Guwahati - 781015. The estimated value of the work is **₹. 8.19 Lakh** (Rupees Eight Lakh Nineteen Thousand) only.

Sd/-
Director
NIELIT Guwahati

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National Institute of Electronics and Information Technology (NIELIT) Guwahati
Brief Information about the 3rd Re-Tender

Tender No:NIELIT/GHY/EC-JOR/247-3/ISBT-ELEC/2K12/RT-3/828 Dated: 22nd November'2012

- NAME OF THE WORK : Electrical Renovation Works for setting up of **Jorhat Extension Centre of NIELIT Guwahati.**
- PLACE OF THE WORK : 1st Floor, ISBT, Jorhat, Assam
- ESTIMATED VALUE OF THE WORK : **₹. 8.19** Lakh.
- TIME OF COMPLETION : 30 (Thirty) days
- DATE OF ISSUE OF TENDER ONLINE PAPERS: **22nd November'2012** (Thursday) from 4:00 PM. onwards.
- LAST DATE OF SUBMISSION OF TENDER DOCUMENT : **3rd December 2012 (Monday) at 10.30 A.M.**
- DATE & TIME OF OPENING TENDER : **3rd December 2012 (Monday) at 11 A.M.**
- OFFER TO BE SUBMITTED TO : Director, NIELIT Guwahati
STPI Complex, Near LGBI Airport
Borjhar, Guwahati – 781015, Assam
- EARNEST MONEY DEPOSIT : EMD for **₹ 40,000/-** (Rupees Forty Thousand only) in the form of DD / BC in favour of “**NIELIT Guwahati – Jorhat Extension Centre**”, payable at **Guwahati.**
- The bidders who have participated in the previous tenders & already paid EMD are exempted from paying EMD. This will be verified with the record available with NIELIT Guwahati.
- COST OF THE TENDER DOCUMENT : **₹ 1,000/-** (Rupees One Thousand) only in the form of DD / BC in favour of “**NIELIT Guwahati – Jorhat Extension Centre**”, payable at **Guwahati.**
- The bidders who have participated in the previous tenders & already paid Tender Cost are exempted from paying this fee. This will be verified with the record available with NIELIT Guwahati.
- SPOT INSPECTION : Bidder may visit and inspect the site of the proposed works at their own cost with the written permission of the authority.

Sd/-
Director
NIELIT Guwahati

Chapter—1

Instructions to Bidders

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INSTRUCTIONS REGARDING 3rd Re-TENDER

Note: Bidders are requested to note that non compliance of the following instructions are liable to render their tender being rejected.

1. Bidders should put their **endorsement (signature and seal) on each page of the submitted documents.**
2. Bidder shall provide documentary evidence of their experience in similar work and value in the NE region by enclosing the copies of previous work orders.
3. The bidder should make no alterations and / or addition to the tender papers.
4. Bidder should not sublet the whole or part of the work to any Contractor/ Architect.
5. The bidders will be required to furnish earnest money worth **₹ 40,000/-** (forty thousand only) and cost of Tender amounting **₹. 1000/-** (Rupees One thousand) to be placed in the **“Technical Bid”** in the shape of separate DD / BC in favour of **“NIELIT Guwahati – Jorhat Extension Centre”** payable at **Guwahati**. Without the earnest money and cost of the Tender, the tender will be summarily rejected. The EMD of successful bidder will be kept as security deposit till completion of the defect liability period. EMD of the unsuccessful bidders will be returned after finalisation of the tender and acceptance of work order by the successful bidder.
6. The tender should be put in two separate sealed envelopes marked as **(A) “Technical Bid”** and **(B) “Commercial Bid”** and both be placed inside a single sealed envelope super scribing Tender Reference No. and date of this tender notice. Along with all desired documents, EMD & Cost of the Tender Document should be placed in the **“Technical Bid”** envelope, failing which the same will be summarily rejected. **“Commercial Bid”** should contain only the price schedule provided in **Chapter 5** of this tender only in the prescribed format. **Commercial Bids** of only those vendors shall be opened which are found to be technically acceptable in **Technical Bid**. The Commercial is to be submitted in the prescribed format as in Chapter-5.
7. Items are to be quoted in Indian Rupees only.
8. No tender will be accepted by fax, e-mail, telex, or any other such means.
9. Acceptance should be given in the format given in **Chapter—7** of this tender document without any alterations.
10. All rates quoted will be considered to be inclusive of all taxes and freight - F.O.R. **Jorhat Extension Centre of NIELIT Guwahati, 1st Floor of ‘D’ Block, ISBT Jorhat, Assam** even if stated otherwise. In case of any ambiguity the same will be considered inclusive all.
11. The quoted rates shall have to be valid for a period of 1(one) year from the date of opening of tender.
12. Bidders should submit all supporting documents in favour of information submitted in the tender. Further, copies of all statutory licenses and documents like PAN, VAT etc should be enclosed.
13. Average Annual Financial Turnover duly certified by Chartered Accountant during the last 3 (three) years, ending 31st March of the previous financial year, should be at least 30% of the estimated cost.
14. Experience of having successfully completed similar works during last 7 (seven) years ending last day of month previous to the one in which applications are invited should be either of the following
 - a) Three similar completed works costing not less than the amount equal to 40% of the estimated cost, or
 - b) Two similar completed works costing not less than the amount equal to 50% of the estimated cost, or
 - c) One similar completed work costing not less than the amount equal to 80% of the estimated cost.

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15. Non-conformities between the figures and words of the quoted Commercial Bid
- If, in the price structure quoted for the required goods, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of NIELIT Guwahati there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
 - If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
 - If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

If there is such discrepancy in an offer the same will be conveyed to the tenderer with target date on the above lines and if the tenderer does not agree to the observation, the tender is liable to be ignored.

16. Contentions arising out of issues not mentioned in this tender document will be resolved as per GFR, CVC, Ministry of Finance, Govt. of India and NIELIT guidelines.
17. **NIELIT Guwahati** shall be under no obligation to accept the lowest quotation. Further the Director, NIELIT Guwahati reserves the right to reject any or all of the tenders without assigning any reasons

Sd/-
Director
NIELIT Guwahati

NB:

The bidders who have participated in the previous tenders & already paid EMD & Tender Cost are exempted from paying EMD & Tender Cost. This will be verified with the record available with NIELIT Guwahati.

Chapter—2

Conditions of Contract

GENERAL TERMS AND CONDITIONS OF CONTRACT

1. **ELIGIBILITY-**

- a. Bidders shall be Govt. Registered contractor under suitable agencies.
 - b. Should have valid electrical supervisory license.
 - c. Bidders shall have clear understanding of engineering or electrical drawings.
 - d. Bidder shall have experience in similar electrical works for last 7 (seven) years.
 - e. Bidders should quote for the work in its entirety. Partial or selective quotes would be summarily rejected.
2. **EMPLOYER-** Employer shall mean NIELIT Guwahati, Department of Electronics and Information Technology, Govt. of India and shall include their legal representatives, successors and permitted assigns.
3. **CONTRACTOR** – Contractor shall mean the successful bidder whose offer has been accepted by the employer for the award of the contractor and shall include such successful bidder’s legal representatives, successors and permitted assigns.
4. **INSPECTION OF SITE-** The contractor at his / her cost may inspect the premises before quoting the rates and ascertain about the facilities /hindrance and generally obtain his / her own information on matters effecting the executing of the works. No extra charge made in consequence of any misunderstanding or incorrect information or any account shall be entertained.
5. **CONSULTANT/ INSPECTOR-** Engineer / Consultant shall mean the representative(s) appointed or nominated by the Employer to act as consultant to inspect the equipment, materials, service and works.
6. **DURATION OF CONTRACT-** The contract shall be deemed to be enforced from the date of awarding the work order till the completion of the defect liability period.
7. **COMPLETION PERIOD-** The work entrusted along with extra /deviated items, if any, is to be completed within 30 (thirty) days from the date of the work order. If required the contractor shall work overtime at his cost.
8. **VIRTUAL COMPLETION** – The works shall not be considered as completed until our site Engineer / Consultant / Inspector / Architect has certified in writing that those have been virtually completed and the defects liability period shall commence from the date of issuance of such certificate.
9. **DEFECTS LIABILITY PERIOD-** The defects and / or other faults which may appear within the defects liability period i.e. twelve months from the virtual completion of work shall be attended to by the Contactor at his / her cost along with other damages, loss of expenses consequent thereon or incidental thereto. The employer reserves the right of the

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contractor to arrange as above to get the defects /faults attended through other agency/and recover the costs and loss /expenses etc. from the contractor.

10. **DELAY IN COMPLETION** – Penalty of 2(two) % will be imposed in case of delay upto 15(fifteen) days. Thereafter the rate of penalty will progressively increase by additional 5(five) % for every 15(fifteen) days of successive delay. Penalty will be calculated on total cost of the work i.e. final bill value.
11. **EXTENSION OF TIME**- Director, NIELIT Guwahati may allow extension of time if in his opinion the works are delayed by reasons beyond the control of the contractor.
12. **DESCRIPTION OF WORK**- As per **Chapter- 3 & 4** enclosed.
13. **SCOPE OF WORK**- The contract includes completion of all works, with items as per schedule of quantities and any extra / deviated items which may be required during the currency of contract, relating to subject matter as mentioned in the “NOTICE”. Scope of work includes completion of electrical works as per plan and drawings attached and submission of test report and connecting of electrical connections with mains. Further, completion of formalities with the State Electricity Board is also within the scope of work.
14. **MATERIALS, TOOLS ETC.-**
 - i The contractor shall provide all materials and /or labour of every description and all tools, tackles, plants, storage and transport necessary for the day to day carrying on, execution and completion of the work to the satisfaction of the employer and the cost shall be covered in the rates quoted.
 - ii Unless otherwise mentioned the materials / workmanship of all kinds shall be of first quality and comply with the I.S.I specification.
 - iii. The contractor shall order all materials required for execution of works, from local/outside sources as early as necessary and ensure that such materials are on site well ahead of requirement for use in the works. Manufacturers’ certificate and other warranty etc. shall be submitted to the Consultant / Inspector / Architect or to the employer if asked.
 - iv. Materials damaged in transit or in storage shall have to be replaced by the contractor at his / her own cost. Further, materials not conforming to specifications will be rejected and returned at the cost of the contractor.
15. **SAMPLES**- The contractor shall at his own cost, procure / prepare the samples of materials / workmanship for approval of the Consultant / Inspector / Engineer if so desired. The contractor at his own cost shall immediately remove the rejected materials /workmanship from the site.
16. **SCHEDULE OF QUANTITIES**: The quantities mentioned in the Schedule of Requirements in **Chapter 3 & 4**, approximately indicate the total extent of works, but

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may vary to any extent and some items may even be omitted. No claim for omitted items shall be entertained on this account.

17. **MODE OF MEASUREMENT-** Mode of measurement shall be generally in accordance with the current Indian Standard Methods of measurement unless otherwise stated. The provisions made in this contract shall hold good in particular, unless otherwise stated.
18. **MINIMUM WAGES ACT-** The contractor shall pay rates and observe hours of works and condition of employment according to existing rules under minimum wages act. Further, it shall be the contractor's responsibility to ensure that he / she pays the workers wages, which are not lower than the minimum, prescribed by the Union Government and State Government. The responsibility of statutory compliance is that of the contractor.
19. **PROCEDURE OF WORK INSTRUCTIONS-** The contractor shall make it a point that he / she should work during and if required as well as after office hours to complete the work within the specific time schedule for which no extra payment will be paid to him. The contractor has to quote his / her rates accordingly.
20. **RATES-** The rates quoted by the contractor shall be firm throughout the currency of contract (including extension of time, if any, granted). Rates shall cover for charges of material, labour and other accessories and any kind of taxes, fees, duties and insurance etc. that are payable, making good the damages to match with the existing finish, removal of all sort of debris from the work site to the contractor's own dump. All rates should hold good for execution of the works at any place irrespective of the floor and height throughout the currency of the contract period. Rates shall be inclusive of supplying / providing and fixing as per context and to copy with all the conditions mentioned and for working beyond office hours, holidays if required.
21. **NON-COMMENCEMENT OF WORKS-** If the contractor upon receiving intimation of work verbally or in writing does not undertake the work within 7(seven) days, the **EMD** will be forfeited.
22. **DAMAGE TO PROPERTY-** The contractor shall be responsible for all damages to the building site and adjoining properties and for injury caused by the work or workmen to persons, animals, things or to the work of other trades and he / she shall effect any insurance necessary and shall take all necessary precautions and hold the employer entirely free from all responsibilities in this respect.
23. **MEASUREMENT-** All work shall be jointly measured with steel tape by the contractor or his authorized representative and by the Employer through Consultant / Inspector / Architect or his representative. The contractor's authorized representative shall sign the measurement as proof of acceptance of measurement.
24. **COMPLETION CERTIFICATE-** In case of work inside the premises, the contractor shall obtain certificate about the satisfactory completion of work from the Site Engineer / Consultant / Inspector / Architect and submit the same along with the bills.

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25. **RETENTION AMOUNT** – NIELIT Guwahati will retain from the final bill an amount equal to 20% of the value of work certified. The retention amount shall be released without interest after successful completion of the defect liability period subject to satisfactory attendance to the defects and due certification thereof from our Consultant / Inspector / Architect.
26. **PAYMENT OF BILLS:**
- a. **SUBMISSION OF BILLS-** The contractor shall submit their bill conforming to joint measurements in triplicate to the Director, NIELIT Guwahati on completion of works. The completion of works will be certified by the Consultant / Engineer of the Employer. No part bills will be entertained.
 - b. **EXTRA ITEMS-** The rates of extra items which may come up during the execution of works and not provided for in the schedule of rates, shall be fixed as per current market rates analysis and duly approved by the Site Engineer / Consultant / Inspector / Architect.
 - c. **DEDUCTIONS-** Statutory taxes and duties will be deducted at source as per government norms. Further other deductions as applicable as per clauses mentioned in the document will also be made.
27. **FORFEITURE OF EMD-** EMD will be forfeited in case of default of any of the above clauses. Further the contractor is liable to compensate NIELIT Guwahati for any loss suffered. All penalties imposed should be deposited by the contractor immediately or may be deducted from any amount due to the contractor.
28. **DISPUTES-** All disputes lie within the jurisdiction of the Gauhati High Court.
29. **TERMINATION OF THE CONTRACT-** The employer may due to adequate reason as he deems fit, terminate the contract by giving one month notice. The contractor should then leave the premises in decent and workable conditions. Any defect or damage found shall be made good at his cost or otherwise the defects will be rectified through some other agencies and cost involved will be deducted from his bill and /or security Deposit lying pending with NIELIT Guwahati. Bills pertaining to the work already completed and certified may be presented for payment.

-Sd/-
Director
NIELIT Guwahati

Chapter—3 & 4

Schedule of Requirements & Specifications and allied Technical Details

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PART-A. SCHEDULE ITEMS

Sl. No.	CPWD Schd No.	Description	Unit	Qty
1.	1.1	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 steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.		
	1.1.2	Group B	Point	111
2.	1.5	Wiring for light/ power plug with 2X4 sq. mm FR PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.	Metre	12
3.		Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required		
	1.7.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Metre	900
	1.7.3	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Metre	300
	1.7.4	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Metre	100
	1.7.10	4 X 10 sq. mm + 2 X 10 sq. mm earth wire	Metre	100
4.	1.21	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.		
	1.21.1	20 mm	Metre	50
	1.21.2	25 mm	Metre	50
	1.21.3	32 mm	Metre	50
5.	1.22	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.		
	1.22.2	100 mm X 100 mm X 60 mm deep	Each	10
	1.22.5	180 mm X 100 mm X 60 mm deep	Each	5
6.	1.23	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.		
	1.23.1	5/6 amps switch	Each	158
	1.23.4	3 pin 5/6 amp socket outlet	Each	17

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7.	1.29	Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings).	Each	67
8.	1.30	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required.	Each	17
	1.34	Supplying and fixing brass batten/ angle holder including connection etc. as required.	Each	1
9.	1.38	Supplying and fixing call bell/ buzzer suitable for single phase, 230 volts, complete as required.	Each	1
10.	1.41	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete 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.	Each	17
11.	1.42	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc., including supplying and fixing ball and socket arrangement, 2 no. down rods of 20 mm dia X 1.6 mm thick steel conduit upto 30 cm length, painting and wiring the down rods and connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	43
12.	1.45	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.	Each	28
	1.46	Installation, testing and commissioning of resistance type ceiling fan regulator, in existing switch box including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, earthing the regulator etc. as required.	Each	28
13.	1.50	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.		
	1.50.1	Upto 450 mm sweep	Each	7
14.	1.51	Extra for fixing the louvers/ shutters complete with frame for a exhaust fan of all sizes.	Each	7

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15.	2.3	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)		
	2.3.7	2 + 8 way, Double door	Each	2
	2.3.8	2 + 12 way, Double door	Each	4
16.	2.5	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 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (but without MCB's and incomer) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)		
	2.5.4	4 way (4 + 12), Double door	Each	2
17.	2.9	Supplying and fixing following way prewired vertical type TP&N MCB distribution board of steel sheet for 415 volts on surface/ recess complete with loose wire box of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's, terminal connectors for all incoming and outgoing circuits, duly prewired with adequate size of FR PVC insulated copper conductor upto the terminal connector/ neutral link, earthing etc as required (But without MCB/ RCCB/ Isolator). (Note : Prewired vertical type MCB TPDB is normally used where 3 phase outlets are required.)		
	2.9.5	4 way Double door	Each	1
18.	2.10	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
	2.10.1	Single pole	Each	70
	2.10.3	Double pole	Each	3
	2.10.4	Triple pole	Each	3
19.	2.14	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
	2.14.1	25 amps	Each	3
20.	2.11	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	Each	8

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21.	2.18	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 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.	Each	9
EARTHING				
22.	5.6	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.	Set	2
23.	5.2	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	Each	2
24.	5.16	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	Metre	50
25.	5.14	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	Metre	20
26.	5.15	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	Metre	20
27.	2.21	Providing and fixing M.V. danger notice plate of 200 mm X 150 mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required.	Each	1

B- NON-SCHEDULE ITEMS				
28.		Supplying with fitting and fixing 10 KA 240/415 V 50Hz MCB of the following capacity complete making necessary connection as specified and directed by the deptt.		
	a)	40A DP MCB	Each	3
	b)	63A TP MCB	Each	2
	c)	100 A 4P 25 KA, MCCB	Each	1
	d)	40 A DP RCCB enhanced immunity to unwanted tripping	Each	3
29.		Supply and laying of following size PVC/XLPE.insulated and PVC sheathed 11 KV gd aluminium conductor LT armoured UG. cable to be laid in wall or floor with GI/MS saddle complete as specified and directed by the deptt.		
	a)	70.00 mm ² 3½ core U.G. Cable	Meter	40
30.		Supplying of 1200 mm sweep ceiling fan of make Bajaj Cat/Brand Regal Gold 3 blade or equivalent of colour White with down rod etc. as required complete.	Each	28

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31.		Supplying of 300 mm sweep exhaust fan of make Bajaj Cat/Brand Maxima DX or equivalent as required complete.	Each	7
32.		Supply of surface Mounted Double flourescent tube mirror optic luminaire with 3 D lamellae & OLC optics of make Philips cat No. TCS 398 2xTLD36W EBT M2 or equivalent with 2 nos. of 'TL' D 36 W flourescent tube. (DTL)	Each	6
33.		Supply of Industrial luminaires for flourescent lamps with powder coated reflector of make Philips Cat No. TMC 501 1xTLD 36W IC or equivalent with 1 no. 'TL' D 36 W flourescent tube. (TL)	Each	37
34.		Supply of surface mounted aesthetic electronic striplite for wall/ceiling mounting luminaires with High Gloss Powder coated strip with polypropylene brackets of make Philips cat no. TMC 090/136 HF or equivalent with 1no. TL'D' 36 W flourescent tube. (FL)	Each	16
35.		Supply of compact flourescent fittings with white powder coated CRCA sheet steel housing with aluminum mirror optic reflector and decorative end plates of make Bajaj Cat No. BJSM 218 CFL DL WEBS D type or equivalent with 2 nos. 'D' type 18W CFL Lamps. (CFL(C))	Each	14
36.		Supply of Surface mounted CFL Luminaires - Decorative Mirror Lamp for CFL Lamp with CRCA MS white housing with white cover of make Bajaj cat no. BJC111 1x 11W CFL or equivalent with 1 no. 11 W 'S' type CFL lamp as required complete. (CFL(M))	Each	1

Chapter—5
**Price Schedule (to be utilized by the bidders
for quoting their prices in the
“Commercial Bid”)**

National Institute of Electronics and Information Technology (NIELIT) Guwahati

PRICE SCHEDULE FORMAT (to be placed in "Commercial Bid")

INTERNAL ELECTRICAL WORKS

Sl.	CPWD Sched No.	Description	Unit	Rate in ₹	Qty	Amount in ₹
1	2	3	4	5	6	7
PART-A. SCHEDULE ITEMS						
1.	1.1	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 steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.				
	1.1.2	Group B	Point		111	
2.	1.5	Wiring for light/ power plug with 2X4 sq. mm FR PVC insulated copper conductor single core cable in surface/ recessed steel conduit along with 1 No 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.	Metre		12	
3.		Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required				
	1.7.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Metre		900	
	1.7.3	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Metre		300	
	1.7.4	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Metre		100	
	1.7.10	4 X 10 sq. mm + 2 X 10 sq. mm earth wire	Metre		100	
4.	1.21	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.				
	1.21.1	20 mm	Metre		50	
	1.21.2	25 mm	Metre		50	
	1.21.3	32 mm	Metre		50	
5.	1.22	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.				
	1.22.2	100 mm X 100 mm X 60 mm deep	Each		10	
	1.22.5	180 mm X 100 mm X 60 mm deep	Each		5	
6.	1.23	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.				
	1.23.1	5/6 amps switch	Each		158	
	1.23.4	3 pin 5/6 amp socket outlet	Each		17	

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7.	1.29	Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings).	Each		67	
8.	1.30	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required.	Each		17	
	1.34	Supplying and fixing brass batten/ angle holder including connection etc. as required.	Each		1	
9.	1.38	Supplying and fixing call bell/ buzzer suitable for single phase, 230 volts, complete as required.	Each		1	
10.	1.41	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete 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.	Each		17	
11.	1.42	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc., including supplying and fixing ball and socket arrangement, 2 no. down rods of 20 mm dia X 1.6 mm thick steel conduit upto 30 cm length, painting and wiring the down rods and connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each		43	
12.	1.45	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.	Each		28	
	1.46	Installation, testing and commissioning of resistance type ceiling fan regulator, in existing switch box including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, earthing the regulator etc. as required.	Each		28	
13.	1.50	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.				
	1.50.1	Upto 450 mm sweep	Each		7	
14.	1.51	Extra for fixing the louvers/ shutters complete with frame for a exhaust fan of all sizes.	Each		7	

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15.	2.3	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)				
	2.3.7	2 + 8 way, Double door	Each		2	
	2.3.8	2 + 12 way, Double door	Each		4	
16.	2.5	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 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (but without MCB's and incomer) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
	2.5.4	4 way (4 + 12), Double door	Each		2	
17.	2.9	Supplying and fixing following way prewired vertical type TP&N MCB distribution board of steel sheet for 415 volts on surface/ recess complete with loose wire box of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's, terminal connectors for all incoming and outgoing circuits, duly prewired with adequate size of FR PVC insulated copper conductor upto the terminal connector/ neutral link, earthing etc as required (But without MCB/ RCCB/ Isolator). (Note : Prewired vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
	2.9.5	4 way Double door	Each		1	
18.	2.10	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	2.10.1	Single pole	Each		70	
	2.10.3	Double pole	Each		3	
	2.10.4	Triple pole	Each		3	
19.	2.14	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 mill amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	2.14.1	25 amps	Each		3	
20.	2.11	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	Each		8	

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21.	2.18	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.	Each		9	
EARTHING						
22.	5.6	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.	Set		2	
23.	5.2	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	Each		2	
24.	5.16	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	Metre		50	
25.	5.14	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	Metre		20	
26.	5.15	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	Metre		20	
27.	2.21	Providing and fixing M.V. danger notice plate of 200 mm X 150 mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required.	Each		1	
Total Part-A (Schedule Items)						
B- NON-SCHEDULE ITEMS						
28.		Supplying with fitting and fixing 10 KA 240/415 V 50Hz MCB of the following capacity complete making necessary connection as specified and directed by the deptt.				
a)		40A DP MCB	Each		3	
b)		63A TP MCB	Each		2	
c)		100 A 4P 25 KA, MCCB	Each		1	
d)		40 A DP RCCB enhanced immunity to unwanted tripping	Each		3	
29.		Supply and laying of following size PVC/XLPE.insulated and PVC sheathed 11 KV gd aluminium conductor LT armoured UG. cable to be laid in wall or floor with GI/MS saddle complete as specified and directed by the deptt.				
a)		70.00 mm ² 3½ core U.G. Cable	Metre		40	

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30.		Supplying of 1200 mm sweep ceiling fan of make Bajaj Cat/Brand Regal Gold 3 blade or equivalent of colour White with down rod etc. as required complete.	Each		28	
31.		Supplying of 300 mm sweep exhaust fan of make Bajaj Cat/Brand Maxima DX or equivalent as required complete.	Each		7	
32.		Supply of surface Mounted Double flourescent tube mirror optic luminaire with 3 D lamellae & OLC optics of make Philips cat No. TCS 398 2xTLD36W EBT M2 or equivalent with 2 nos. of 'TL' D 36 W flourescent tube. (DTL)	Each		6	
33.		Supply of Industrial luminaires for flourescent lamps with powder coated reflector of make Philips Cat No. TMC 501 1xTLD 36W IC or equivalent with 1 no. 'TL' D 36 W flourescent tube. (TL)	Each		37	
34.		Supply of surface mounted aesthetic electronic striplite for wall/ceiling mounting luminaires with High Gloss Powder coated strip with polypropylene brackets of make Philips cat no. TMC 090/136 HF or equivalent with 1no. TL'D' 36 W flourescent tube. (FL)	Each		16	
35.		Supply of compact flourescent fittings with white powder coated CRCA sheet steel housing with aluminum mirror optic reflector and decorative end plates of make Bajaj Cat No. BJSM 218 CFL DL WEBS D type or equivalent with 2 nos. 'D' type 18W CFL Lamps. (CFL(C))	Each		14	
36.		Supply of Surface mounted CFL Luminaires - Decorative Mirror Lamp for CFL Lamp with CRCA MS white housing with white cover of make Bajaj cat no. BJC111 1x 11W CFL or equivalent with 1 no. 11 W 'S' type CFL lamp as required complete. (CFL(M))	Each		1	
Total PART-B: Non-Schedule Items					₹	
Total SCHEDULE ITEMS + NON-SCHEDULE ITEMS (A + B)					₹	

Chapter—6 **Contract Form**

A Contract will be signed with the selected firm through this bidding process based on the “**Conditions of Contract**” as detailed in Chapter—2.

Chapter—7
**Acceptance of Terms & Condition of the
Tender**



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TO BE SUBMITTED IN THE “TECHNICAL BID”

(IN FIRM’S LETTER HEAD)

LETTER OF ACCEPTANCE

To,

The Director
National Institute of Electronics and Information Technology, Guwahati
STPI Building, Near LGBI Airport,
Borjhar, Guwahati-781015

Sub: Acceptance of Terms and conditions of tender.

Ref: NIELIT/GHY/EC-JOR/247-3/ISBT-ELEC/2K12/RT-3/828 Dated:22nd November’2012

Sir,

Having examined in details, the above tender documents relating to the works and having visited and inspected the site of the proposed works and having acquired all the requisite information affecting the tender invited by you, I / We hereby agree to all terms and condition of the contract [as laid down in the tender document(s)]. I/We also agree that the printed term(s) and condition(s) if any at the back of our quotation form and / or any other paper enclosed are not applicable.

I/We undertake to complete the whole works within the period specified in the tender. In this connection we are providing herewith the following information.

1. Proof of address of the firm
2. Annual Turnover of the last 03 (three) financial years, duly certified by Chartered Accountant. (Copies of Balance Sheet and IT returns should also be enclosed)
3. Proof of registration with state PWD / CPWD or other Govt. agencies.
4. List of Clients at different state of N.E. Region along with copies of relevant work orders / timely completion certificates for last 7 (seven) years.
5. Details of EMD enclosed in the **Technical Bid**
Amount..... Draft No.....DD Date
Bank.....
6. VAT Registration No.....
(Copies Enclosed)
7. PAN.....
(Copies Enclosed)
8. A self certification on the Bidder’s Letterhead, mentioning non-relationship with any official of NIELIT.
9. Affidavit / Power of Attorney stating the capacity and the authority of the person signing on behalf of the firm.
10. Details of Cost of Tender Paper enclosed in the **Technical Bid**
Amount..... Draft No.....DD Date
Bank.....

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11. A declaration that the firm has not been banned or de-listed by any govt. or quasi Govt. Agency or public sector undertaking in the form of **Affidavit**.
12. Any other relevant document.

(Signature with Seal)
(Name & Designation in block letters)

NB:

The bidders who have participated in the previous tenders & already paid EMD & Tender Cost are exempted from paying EMD & Tender Cost. This will be verified with the record available with NIELIT Guwahati.