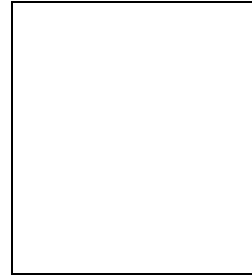


No.NEIGR/ENGG/19/2007/Pt

Dated the 8<sup>th</sup> September 2009

To,

THE EXECUTIVE ENGINEER  
NORTH EASTERN INDIRA GANDHI REGIONAL  
INSTITUTE OF HEALTH AND MEDICAL SCIENCES,  
SHILLONG



SUB: TENDER FOR THE ELECTRICAL WORK IN CTVS ICU AT NEIGRIHMS, SHILLONG.

Sir,

I beg to submit my tender for the above mentioned work after going through the details of the tender and duly signed by me for favour of your kind consideration and further disposal.

Encl:

1. Tender paper \_\_\_\_\_ sheets
2. Money Receipt \_\_\_\_\_

Yours faithfully,

Signature of contractor \_\_\_\_\_

Date \_\_\_\_\_

Name of contractor \_\_\_\_\_

(In Block Letters)

Sri/Smti \_\_\_\_\_

Full Postal Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Registration No: \_\_\_\_\_

## DETAILED TENDER NOTICE

**No.NEIGR/ENGG/19/2007/Pt**

**Dated the 8<sup>th</sup> September 2009**

Sealed open tenders in two bid system are invited from registered Class I/II /III contractors of PWD/PHE/Estate office (GAD)/MES/MESEB and equivalent class of CPWD for the following work and will be received at the office of the undersigned upto 1400 hrs on 23.09.2009 and will be opened on the same date in the presence of the tenderer(s) or their authorized agent(s) at 1430 hrs.

<b>Name of work</b>	<b>Estimated cost (Rs) (approx)</b>	<b>EMD (Rs)</b>
Electrical works for the CTVS ICU at NEIGRIHMS, Mawdiangdiang, Shillong.	1,93,200.00	3900.00

### **General Conditions of Contract (GCC):**

1. The site is located at Mawdiangdiang
2. Time of completion: 2 (two) months from the date of issue of work order.
3. EMD to be deposited in the form of FD/Call Deposit to be duly pledged in favour of the Deputy Director (Admn) , NEIGRIHMS, Shillong.
4. Contractors shall be deemed to have inspected and examined the site of work and its surroundings before submitting the tenders.
5. Tenderers will have to submit attested copy of their registration along with a recent passport size photograph duly attested.
6. Intending tenderers have to quote their rates both in figure and in words on percentage basis at par/above the CPWD schedule of rates for internal electrification 2007.
7. The contractor shall not sub-contract the work to sub-contractors or to any single sub-contractor. An undertaking by the contractor shall have to be submitted to this effect.
8. The successful contractor shall provide a performance security for his proper performance of the contract within 15 (fifteen) days from the date of receipt of letter of award. The performance Security shall be in the form of FD/Call Deposit to be pledged in favour of the Deputy Director, NEIGRIHMS. The amount of the security shall be 5 % (five percent) of the contract price. The performance security shall be valid until the contractor has executed and completed the works and remedied any defects therein in accordance with the contract. The Performance security shall be returned to the contractor after the expiry of the Defect Liability period. If the contractor fails to perform the work as per terms and conditions of the contract, the performance security shall be forfeited.
9. If during the execution of the work the contractor encounters physical obstructions or physical conditions other than climatic conditions on the site, which obstructions or conditions were in his reasonable opinion not foreseeable by the contractor, the contractor shall forth with give notice thereof to the Executive Engineer(C), NEIGRIHMS. On receipt of such notice, the EE shall ,if in his opinion such obstructions/conditions could not have been reasonably foreseen by the contractor, after due consultation with the contractor determine any extension of time with no financial bearing to which the contractor is entitled under Clause 13 of these conditions.
10. During the execution of the works, the contractor shall keep the site reasonably free from all unnecessary obstructions and shall store or depose of any contractors equipment and surplus materials and clear from the site any wreckage, rubbish or temporary works/
11. Before issue of any completion certificate, the contractor shall clear away and remove from that part of the site to which the completion certificate relates all contractors equipment, surplus material, rubbish and temporary works of every kind.
12. The contractor while employing labour should ensure that all the statutory labour laws and regulations are adhered to.
13. In the event of
  - a. The amount or nature of extra or additional work

- b. Exceptionally adverse climatic conditions
  - c. Other special circumstances which may occur other than through a default or breach of contract by the contractor or for which he is responsible. Being such as fairly to entitle the contractor to extension of time for completion of the works or any section or part thereof, the Institute shall after due consultation with the contractor and subject to clause 14 determine the amount of such extension with no financial bearing and shall notify the contractor accordingly.
14. The institute is not bound to any determination under clause 13 unless the contractor has within 28 days; after such event has arisen; notified the Institute.
  15. If the contractor fails to complete the execution and completion of the works as specified in the work order and if extension of time is granted if any in accordance with clause 13 and 14 of the GCC, the contractor shall be bound to pay as liquidated Damages a sum of 0.5 % (percent) per week of delay for such default subject to a maximum of 5 % of the contract price.
  16. When whole of the works have been substantially completed, the contractor shall give a notice to the Executive Engineer (C) of the Institute, accompanied by a written undertaking to finish with due expedition any outstanding work during the defect Liability period. Such notice and undertaking shall be deemed to be a request by the contractor to the EE (C) to issue a taking over certificate.
  17. Defect liability period shall be 3 (three) months calculated from the date of completion of the works certified by the EE (C) in the completion certificate.
  18. Retention money of 8 % shall be deducted from the bills of the contractor. The same shall be released after 14 days from the date of completion of work.
  19. If the contractor fails to fulfill any of the obligations under this contract, the Institute shall be at liberty to terminate the contract thereby voiding the contract and will be at liberty to allot the whole work or balance works to any other party at the risk and cost of the first party.
  20. All works are to be carried out as per current specification prevailing in the state of Meghalaya and when directed by the Institute.
  21. In submitting tender the registered contractor should mention registration number and class with full present address and should submit attested copy of the registration certificate.
  22. All the relevant documents required to be submitted along with the tender including the EMD should be submitted in the first envelope marked as **Envelope I** and only the price quoted should be submitted in another envelope marked as **Envelope II (form annexed to these conditions)**
  23. The Envelopes should clearly indicate the name of work, name, address and contact number of the contractor. Tenders not submitted in the said format will be rejected.
  24. Every page of the tender paper to be signed by the contractor as a token of acceptance of the terms and conditions before submission of tender, failing which the tender will be rejected.
  25. Parties should have the experience of having successfully completed similar works during the 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 works** costing not less than the amount equal to **80% of the estimated cost**. Documentary proofs in the form of completion certificates only are to be enclosed failing which the tender will be non-responsive.
  26. Parties to submit the list of technical staff with at least one experienced Junior Engineer-Electrical (Diploma). He has to supervise the whole work on day-to-day basis as per direction of the Engineer-in-charge.
  27. Running payments can be made to the contractor subject to certification by the Executive Engineer (C) after completion of about 50 % of the work and final payment will be paid after completion of the work after due certification and satisfaction of the Executive Engineer (C).
  28. Parties to submit latest VAT clearance certificate.
  29. Parties to submit PAN Card
  30. Rates once accepted will not be enhanced due to variation in the rate of materials, labour and Government taxes.
  31. No tools and plants will be supplied by the Institute.
  32. No materials will be supplied by the Institute.
  33. Contractors should clearly mention the name of work for which they are quoting for in both the Envelopes.

34. While submitting price bids, contractors should not use correction fluid. Price bids where correction fluid has been used will not be accepted.
35. Intermixing of the price bids and technical bids will tantamount to rejection.
36. The quoted rates shall be firm ,fixed and binding on the contractor irrespective of any variation in the quantities stated in the contract upto  $\pm 25$  % variation of the contract value as a whole.
37. Successful Non –Tribal tenderers should submit the valid Trading licence within 7 (seven) days from the date of issue of preliminary work order.
38. Any dispute arising out of the contract shall be settled by the Director, NEIGRIHMS.
39. The specifications and mode of measurement for electrical works shall be in accordance with PWD/CPWD specifications unless otherwise specified.
40. The Institute reserves the right to accept or reject any or all tenders without assigning any reason thereof.
41. The bidders shall have to use only electrical items of approved make/ISI make. However, items of reputed brand can also be used with prior permission of the engineer-in-charge. Before using/fitting any electrical item/material, the bidders shall consult the engineer-in-charge for approval.
42. Tender documents can be collected from the engineering section of this institute on payment of Rs. 500/-. Tender forms can also be downloaded from the institute's website [www.neigrihms.nic.in](http://www.neigrihms.nic.in). Downloaded tender forms shall accompany draft of Rs. 500/- towards cost of the tender form.
43. **Average Annual Financial Turnover** during the last three years ending 31<sup>st</sup> March of the previous financial year should be at least **30% of the estimated cost**.
44. The bidders are advised to visit the site personally to see the actual requirement of the work before bidding.
45. The contractor must have valid Electrical Contractor's Licence issued by the competent authority.
46. All the above requirements are compulsory for fulfillment as part of the tenders failing which tender will be rejected.
47. All documents, registrations should be valid as on the date of tender.
48. In the event of responsive parties quoting same rates, the Institute will have the right to decide on the allotment of the work to any of the responsive party/parties without assigning any reasons thereof.
49. The rate quoted for the additional/non-scheduled item should be quoted as per the price bid format annexed to this tender failing which tenders will be rejected.
50. Meghalaya Value Added Tax, as applicable will be deducted from the bills of the contractor.
51. If there is any excess payment on any item etc made to the contractor, the contractor shall not hesitate to cooperate in adjusting/deducting the same from either the running bills or final bills.

Executive Engineer (Civil)

## Check List of documents to be submitted along with the tender:

### Envelope I

1. Earnest money Deposit
2. Attested copy of registration and a recent passport size photograph duly attested .
3. Undertaking not to sub-let the work.  
(format enclosed with the tender)
4. List of technical staff with at least one JE (Electrical) with documentary proof.
5. Valid Trading license in case of non-tribal contractors.
6. Pan Card.
7. Latest Vat Clearance certificate
8. Documentary proof of work orders, completion Certificates as specified in clause 25 of the GCC.
9. Tender papers to be signed on all pages.
10. The Envelopes should clearly indicate the name of work, Name, address and contact number of the contractor.

### Envelope II

1. Price bid (format enclosed with the tender)

**FORM OF UNDERTAKING**

To  
The Executive Engineer (Civil)  
NEIGRIHMS

Sub: Tender for the electrical works in the CTVS ICU.

Sir,  
With reference to the above, I hereby undertake not to sublet the work cited above, if the work is allotted to me.

Date:

Name of contractor:

Signature and seal:

## LIST OF APPROVED MAKE OF ELECTRICAL ITEMS

1.	Rising Main, Tap Off Box, End Feed Units and accessories	-	Party having CPRI Certifications
2.	Moulded Case Circuit Breaker (MCCB)	- - - - - -	L&T GE Power Control Crompton Greaves ABB Siemens MDS Schneider
3.	Voltmeter & Ammeter	- - -	AE MECO Rishline (L&T)
4.	Selector Switch	- - -	Kaycee L&T AE
5.	Current Transformer	- - - -	AE MECO Rishline (L&T) Kappa
6.	Indicating Lamp	- - -	L&T Siemens Kaycee
7.	Main/Distribution Boards	-	Party having CPRI Certification
8.	Distribution Boards with Miniature Circuit Breaker (MCB), MCB Type Isolator, DB Box	- - - - -	MDS L&T (Hager) Siemens IndoKop Crompton Greaves
9.	Earth Leakage Circuit Breaker	- - - - -	MDS L&T (Hager) Siemens IndoKop Havells
10.	FR PVC insulated PVC sheathed armoured cables of 1.1 KV grade as per ISI	- - - - - - - - -	CCI Universal ICC National Industrial NICCO Incab ICL
11.	PVC insulated copper conductor single core stranded wires of 650/1100 volt grade as per ISI	- - - - - - -	Kalinga Batra Henley National Finolex Plaza Grandlay Universal
12.	Telephone wires	-	Delton

		-	Batra Henley
13.	Modular Range of Switches, Sockets etc	-	Anchor (Roma)
		-	M. K. (India)
		-	North West
		-	Tyama
		-	Crabtree (Havells)
14.	M. S. Conduit (ISI marked)	-	BEC
		-	Steel Craft
		-	AKG
		-	M. Kay
15.	Light Fixtures		
	(i) Flurorescent Light Fixture including CFL Light Fixture	-	Philips
		-	Crompton
		-	GE Lighting
		-	Bajaj
	(ii) Incandescent Light Fixture	-	Decon
		-	Ankur
		-	Tulip
16.	Ceiling Fan	-	Crompton Greaves
		-	GEC
		-	Usha
		-	Bajaj
		-	Orient
17.	Exhaust Fan	-	Crompton Greaves
		-	GEC
		-	Usha
		-	Bajaj
		-	Orient
18.	(a) Manual Call Point, Response Indicator, Main FDA Panel	-	Mather Platt.
		-	Tata Honeywell
		-	Edwards
		-	Philips
	(b) Smoke Detectors	-	Apollo
		-	Edwards
	(c) Heat Detectors	-	Apollo
		-	Edwards
	(d) Amplifiers, Hooter/Speaker Microphone, P.A. Console, LMT	-	Philips
		-	AKG
	(e) Batteries	-	Exide/Standard/Amarraja
19.	Laminated Sheets	-	Hylem
20.	Nurses Call Bell System	-	Veekay Control Devices
		-	Wipro Engineers
		-	Sachdeva Trading Corporation
21.	Cable Tray	-	Slotco
		-	Indiana
		-	Pilco

Note: Material having ISI marks in the respective categories and manufactured by other reputed companies are also acceptable with prior approval of engineer-in-charge.

PRICE BID: To be submitted in Envelope II

Name of work: **Electrical Work in CTVS ICU AT NEIGRIHMS, Shillong.**

**I. Scheduled items:**

Sl. No.	Item of Work	Unit	Qty.	Rates to be quoted by the contractor at par/above the CPWD schedule rates for internal electrification 2007 in figure and words	
				In figures	In words
1	Power plug wiring in PVC conduit (2 x 4 sq. mm.): Wiring for light/power plug with 2 x 4 sq. mm. FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit alongwith 1 no. 4 sq. mm. FR PVC insulated copper conductor single core cable for loop earthing as required	Metre	650		
2	Circuit/submain wiring in PVC conduit: 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 PVC conduit as required # 4 x 25 sq. mm. + 2 x 16 sq. mm. earth wire	Metre	85		
3	Circuit/submain wiring in PVC conduit: 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 PVC conduit as required # 4 x 16 sq. mm. + 2 x 16 sq. mm. earth wire	Metre	15		
4	S/F power plug point modular type accessories: Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 amps & 5/6 amps modular socket outlet and 15/16 amps modular switch, connection, painting etc. as required	Each	78		
5	S/F TP MCB DB: Supplying and fixing following way, three pole and neutral, sheet steel, MCB Distribution board, 415 Volts, on surface/recess, complete with tinned copper bus-bar, neutral bus-bar, earth bus-bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required with provision of isolator and RCCB. (But without MCB/RCCB/Isolator) # 6 way (4 + 18), double door, horizontal type	Each	1		

6	S/F TP MCB DB: Supplying and fixing following way, three pole and neutral, sheet steel, MCB Distribution board, 415 Volts, on surface/recess, complete with tinned copper bus-bar, neutral bus-bar, earth bus-bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required with provision of isolator and RCCB. (But without MCB/RCCB/Isolator) # 8 way (4 + 24), double door, horizontal type	Each	2		
7	S/F 'C' series, SP MCB: Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'C' series, miniature circuit breaker suitable for inductive load of following poles in the existing MCBDB complete with connection testing and commissioning etc. as required:- # Single Pole	Each	60		
8	S/F TPN MCB Isolator: Supplying and fixing following rating, four pole (three pole and neutral), 415 volts, isolator in the existing MCBDB complete with connection testing and commissioning etc. as required:- 63 amps	Each	3		
9	S/F TPN RCCB: Supplying and fixing following rating, four pole (three pole and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milli amperes in the existing MCBDB complete with connection testing and commissioning etc. as required :- 63 amps	Each	3		
10	Labour charges of Wireman, Grade 1 for fitting and fixing of PVC Trunking system in complete	Day	7		
11	Labour charges of Khallasi for fitting and fixing of PVC Trunking system in complete	Day	7		
12	Less deduction of cost of PVC Conduit due to PVC Trunking System in place of Conduit	Metre	300		

## II Non-scheduled Items

Sl. No.	Item of Work	Unit	Qty.	Rates to be quoted by the contractor in figure and words	
				In figures	In words
13	Providing and supplying of PVC Cable Dado Trunking System of size 100 mm x 50mm	Metre	60		
14	Providing and supplying of cable divider of size 50 mm deep suitable for PVC Cable Dado Trunking System at sl. no. 8 above	Metre	120		
15	Providing and supplying of moulded joint cover of size 100 mm width suitable for PVC Cable Dado Trunking System at sl. no. 8 above	Each	10		
16	Providing and supplying of moulded internal angles (90 deg) of size 100 mm width suitable for PVC Cable Dado Trunking System at sl. no. 8 above	Each	5		
17	Providing and supplying of moulded flat tees (90 deg) of size 100 mm width suitable for PVC Cable Dado Trunking System at sl. no. 8 above	Each	5		
18	Providing and supplying of moulded end cap of size 100 mm width suitable for PVC Cable Dado Trunking System at sl. no. 8 above	Each	5		
19	Providing and supplying moulded cable retainer of size 100 mm width suitable for PVC Cable Dado Trunking System at sl. no. 8 above	Each	30		
20	Providing and supplying of moulded internal coupler of size 100 mm width suitable for PVC Cable Dado Trunking System at sl. no. 8 above	Each	10		

NAME OF CONTRACTOR:

SIGNATURE OF CONTRACTOR: