

Name of Work

Renovation of Staff quarters at BLIT of CSIR, NEIST.(Civil and Electrical works)

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Note: Tenderer should confirm that they have received all the above papers. All the documents issued to be returned duly signed by the tenderer while submitting the offer.

TENDER ISSUED TO : M/s

.....

.....

Telephone no: _____ (IF ANY)

RRL Receipt No. _____ dated _____ for Rs. _____

SIGNATURE OF THE OFFICER ISSUING TENDER



CSIR-NORTH EAST INSTITUTE OF SCIENCE & TECHNOLOGY:
JORHAT
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH



NOTICE INVITING TENDER
No. NIT/WEB/ 51/2016

Sealed item rate tenders are invited for the works mentioned below from the Contractors/Firms registered in appropriate class of C.P.W.D., Railways, M.E.S., Post & Telegraph Department, State P.W.D.'s, Semi-Government organizations and/or from those, who have successfully carried out similar works for C.S.I.R. or its laboratories/Institutes or Government Organizations having required T & P. The tender document will be accepted only from those contractors, who have satisfactorily executed similar works of value : a) three similar works, each 40 % of estimated cost or b) two similar works each of value 50 % of estimated cost or c) one Similar work of 80 % estimated cost. **The Contractor(s) already awarded work order for similar type of work at NEIST, Jorhat and not able to complete the contract in the allotted schedule and also not signed any agreement is (are) not eligible to submit the tender.**

For issue of Tender papers, proof of their Registration, Experience, Sales Tax Certificate and Capability must be submitted to the full satisfaction of the officer issuing the tenders:

Sl. No	Name of Work	Estimated Cost in Rs.	Earnest money	Cost of Tender	Time of Completion	Date of issue	Last Date of submission	Date/Time of Opening
1	Renovation of Staff quarters at BLIT of CSIR, NEIST.(Civil and Electrical works)	17,09239.00	34500.00	500.00	150days	01.09.2016 to 13.09.2016	14.09.2016 upto 1.00 pm	14.09.2016 at 2.30 pm

Tender documents can also be downloaded from the web site <http://www.neist.res.in>. In case the tender documents obtained from the web site, then the tenderer should enclose a separate Demand draft / Pay Order from a scheduled bank in favour of Director, NEIST Jorhat for the cost of tender (Non refundable) towards the tender cost and also submit his credentials along with the tender for verification. The tenderers are advised to see the work site before quoting the rates.

ADMINISTRATIVE OFFICER

- 1 The tenderers are required to produce proof of fulfilling conditions mentioned herein before, along with the attested copies of Sales Tax Certificate, Income Tax Clearance Certificate and Credentials, complete to the Executive Engineer, Civil Engineering Section, CSIR-N.E.I.S.T. Jorhat to get issue of Tender Paper on payment as mentioned above in cash (non-refundable). Sale of Tenders shall be stopped one day before the date of opening of tenders. Issue of tender paper will be from 01.09.2016 to 13.09.2016
- 2 Tenders should be submitted in double sealed covers superscripted with the name of the work date and time of opening written both on the inner and outer envelopes. They will be received up to **1:00 p.m. on 14.09.2016** and will be opened at **2:30. p.m.** on the same day in the office of COA/AO, CSIR - North East Institute of Science & Technology, Jorhat,. Tenders should be dropped in the tender box kept at the Security Office, N.E.I.S.T. Gate No. 2 before the closing date and time indicated. Tenders may be sent by Registered post or Speed post addressed to COA / AO, CSIR - North East Institute of Science & Technology, Jorhat-785006 in case the Tenders are sent by post. Tenderers are to ensure that the tenders are reached well in advance before the closing time and date indicated.
- 3 The Earnest money, amount mentioned above drawn by demand draft or pay order of a schedule bank in favour of the Director, North East Institute of Science & Technology, Jorhat, should accompany the tender. Tenders received without earnest money will be invalid. The Employer does not bind himself to accept the lowest or any tender and reserves the right of accepting the whole or any part of the tender.
- 4 Canvassing in connection with the tenders is prohibited and the tenders submitted by contractor who resort to canvassing are liable for rejection.
- 5 The tenderers are not permitted to submit their tenders for works in N.E.I.S.T. Jorhat where a relative of the tenderer is posted in the grade between Controller of Administration and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or subsequently employed by him and whose relatives are as mentioned above.

NOTE: A person shall be deemed to be a relative of another if, and only if, (a) they are members of Hindu undivided family; or (b) they are husband and wife; or (c) the one is related to the other in the following manner: Father, Mother (including Step mother), Son (including step son), Sons wife. Daughter (including step daughter), Father, Son's son, Son's son's wife, Son's daughter, son's Daughter's husband, Daughter's husband, Daughter's son's wife, Daughter's daughter, Daughter's daughter's husband, Brother (including step brother), wife, sister (including step sister). Sister's husband.
- 6 Tender submitted shall remain valid for 90 days from the date of opening for the purpose of acceptance and award of work. Validity beyond 90 days from the date of opening shall be by mutual consent.
- 7 The tenderer shall quote rates both in figures and words. He shall also workout the amount for each item of work and write in both figures and words. On check if there are differences between the rates quoted by the tenderer in words and in figures or in the amount worked out by him, the following procedure shall be followed.
 - (i) When there is difference between the rates in figures and in words, the rates which correspond to the amounts worked out by the tenderer shall be taken as correct.
 - (ii) When the amount of an item is not worked out by the tenderer or it does not correspond with the rate written either in figures or in words, the rate quoted by the tenderer in words shall be taken as correct.
 - (iii) When the rate quoted by the tenderer in figures and in words tallies but the amount is not worked out correctly the rate quoted by the tenderer shall be taken as correct and not the amount.
- 8 The tenderer should see drawings and in case of doubt, obtain required particulars, which may in any way influence his tender, from the Engineer as no claim whatsoever will be entertained for any alleged ignorance thereof.
- 9 Before tendering, the tenderer shall inspect the site to fully acquaint himself about the condition in regard to accessibility of site, nature and extent of ground, working condition of site and locality including stacking of materials, installations of tools and plants (T & P) etc., conditions affecting accommodations and movement of labour etc. required for the satisfactory execution of the work contract. No claim whatsoever on such account shall be entertained by the Employer in any circumstances.
- 10 Earnest money will be forfeited if the contractor fails to commence the work as per award of work.
- 11 Except writing rates and amount, the tenderer should not write any conditions or make any changes, additions, alterations and modifications in the printed form of tenders. Tenderers who are desirous to offer rebate the same should be brought out separately in the covering letter and submitted along with the tender.

12 Some of the provisions of General Conditions of Contract are given below. Interpretation however shall be as given in the General Conditions of Contract.

- a) Defects Liability Period: Twelve months from the date of completion as certified by the Employer.
- b) Minimum Value of Work for the Intermediate Certificate: Rs..... (Rupees only). Intermediate certificate for a lesser amount can be admitted for payment at the discretion of the Engineer.
- c) Security Deposit: A sum @10% of the gross amount of the bill shall be deducted from each running bill of the contractor till the sum along with the sum already deposited as earnest money, will amount to security deposit of 5% of the tenderer value of work. In addition, the contractor shall be required to deposit an amount equal to 5% of the tendered value of the contract as Performance Guarantee within the period prescribed for commencement of work in the letter of award issued to him.
- d) Compensation: Contractor shall pay as-compensation and amount equal to one percent or such smaller amount as the Employer (whose decision in writing shall be final) may decide on the cost of whole work as shown in the agreement, for every week that the work remains uncompleted or unfinished or due quantity of work remains incomplete after the proper dates. Compensation to be paid shall not exceed ten percent of the estimated cost of the work as shown in the agreement.

13. Schedule showing approximate quantity of materials to be supplied by the Employer under Clause: 6 of the General Conditions of Contract for works contracted to be executed and to rates at which they are to be charged for.

Particulars of Materials	Approx Qty	Rates at which the material will be charged to the contractor			Place of Delivery Stores (NAME OF THE LABORATORY)
		Unit	Rs. (Figures)	Rupees	
1. Cement 2. Steel	CONTRACTOR'S SUPPLY				

NOTE: The Tenderer shall ensure that particulars in the above form are filled in by the engineer before he submits the tender.

14. For all specialist jobs e.g., lights, air conditioning, public address, fire protection, security surveillance and building management systems, technical (covering also general conditions and commercial terms) and financial offers will be given separately in two sealed covers.

SPECIAL CONDITIONS – I

- 1 These special condition are meant to amplify the general specifications and general conditions of contract.
 - 2 Work shall be done as per CPWD specification
- Incase of any discrepancy the order of precedence in interpretation shall be as under..
- (i) Schedule of quantities
 - (ii) Drawings
 - (iii) Additional conditions
 - (iv) General conditions of contract
 - (v) Special condition
 - (vi) Additional Technical Specifications

- (vii) CPWD latest Civil and Electrical Specification
- (viii) IS Codes
- (ix) International Codes
- (x) Best Engineering Practice.

3 Steel

- (i) Steel to be issued as stated elsewhere in the contract shall be for reinforcement bars for RCC work. For all other items of steel work the contractor shall procure the same.
- (ii) Reinforcement bars for RCC work will be issued in available coils and straight lengths. No claim for straightening the bars whatsoever shall be entertained.
- (iii) Issue of steel of diameters above 10 mm dia will be regulated on sectional weight basis, weight being calculated with the help of the standard sectional weights as given in the CPWD latest specifications for conversion of length to weight. However, for bars upto and including 10 mm dia the following procedure shall be adopted. The average sectional weight for each diameter shall be arrived at from samples from each lot of steel received at site. The actual weight of steel issued shall be modified to take into account the variations between the actual and the standard coefficient and the contractor's account will be debited by the cost of this modified quantity only.
- (iv) For theoretical consumption of steel, reinforcement bars will be balanced diameter wise for the purpose of penal recovery as envisaged in the contract.

4 Cement

Cement to be issued as stated elsewhere in the contract shall be only for site work. For factory made products such as Pre-cast tiles, Hollow concrete blocks, RCC pipes etc. cement shall not be issued.

5

Unless otherwise provided in the schedule of quantities the rates tendered by the contractor shall apply for all heights, lifts, leads and depths of the work and nothing extra shall be payable on this account.

6

The surplus excavated earth which is beyond the requirement of the Employer's work may be allowed by the Employer to be disposed off by the contractor on his own or sell the surplus excavated earth to private parties at his discretion but nothing extra will be paid for the carriage or disposal of surplus earth if the same is not required for any other work of the Employer.

ADDITIONAL CONDITIONS:

- 1 The structural and architectural drawings shall at all time be properly correlated before executing any work. However, in case of any discrepancy in the item given in the schedule of quantities appended with the tender and drawings relating to the relevant item the former shall prevail unless and otherwise given in writing by the Engineer.
- 2 No payment shall be made to the contractor for any damage caused by rainfall, floods or any other natural cause whatsoever during the execution of work. The damage to work will be made good by the contractor at his own cost and no claim on this account shall be entertained.
- 3 All materials used shall be as per specifications and ISI marked wherever applicable. ISI marking referred relates to latest BIS code as published by Bureau of Indian Standards up to 30 days before the date of opening the tender.
- 4 The contractor shall give a performance test of the entire installation(s) as per standard specifications and/ or as directed by the Engineer and will also submit. Test certificates as are required by Municipal. Electrical authority or another authority. Nothing extra shall be payable for the same other than the fees paid to such authorities which shall be reimbursed on production of receipts
- 5 The contractor must have an up to date contractor's license for electrical works.

- 6 The contractor should have a regular supervisor having electrical supervisory license, wireman license, labour license, etc.
- 7 The contractor should go through the conditions of contract before filling up the tender
- 8 The Contractors are to submit the time schedule / Bar chart for completing the job.



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JORHAT

(Council of Scientific and Industrial Research)

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DETAIL STATUS OF THE FIRM

- 1 Name of the Contractor/Firm
- 2 Registration No.
- 3 Valid upto
- 4 Licence No. Issued by Labour Deptt.
- 5 Valid upto
- 6 Earnest Money Deposited Vide..... No.....
of.....
- 7 Experience *
- *
- *
- *

Signature of Contractor
With rubber stamp

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Jorhat Assam 785 006**

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SCHEDULE OF QUANTITIES

Sl. No	Description of Item	Unit	Qty	Rate in Figure(Rs)	Rate in Words(Rs)	Amount(Rs)
1	Single wattle or split bamboo walling including cement plaster 20 mm thick 1 : 6 (1 cement : 6 fine sand) on either side and white washing three or more coats to give an even shade on both faces complete.	Cum	65.80			
2.	15 mm cement plaster 1 : 4 (1 cement : 4 fine sand) on the rough side of single or half brick wall.	Sqm	20.30			
3	Distemping (one or more coats) with oil bound washable distemper of approved brand and manufacture and of required shade on old work to give an even shade.	Sqm	3756.18			
4	Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on old work (one or more coats) to give an even shade.	Sqm	772.66			
5	Providing and fixing hessian cloth ceiling (10 Oz.) with karai wood beading 38 mm x 20 mm (size of panels 75 cm x 90 cm) (frame work for base to be paid separately).	Sqm	71.12			
6	White washing with lime on old work to give an even shade. a) In two or more coats.	Sqm	375.20			
7	Providing approved best available local wood (Class - B II) work in frames of doors, windows clerestory windows and other frames, wrought framed and fixed in position.	Cum	1.559			

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SCHEDULE OF QUANTITIES

Sl. No	Description of Item	Unit	Qty	Rate in Figure(Rs)	Rate in Words(Rs)	Amount(Rs)
8	Providing and fixing 44 mm thick best available local wood Class - B I (19 mm batten and 25 mm bracing) battened and braced doors and windows shutters including providing and fixing necessary bright finished or black enamelled T-hinges, butt hinges, sliding door bolts, tower bolts and handles with necessary bolts and nuts and screws complete.	Cum	35.55			
9	Painting (one or more coats) with superior ready mixed paint for wood work of approved brand and manufacture in all shades on old work to give an even shade.	Sqm	1089.63			
10	Painting one or more coats with superior quality ready mixed paint for steel work of approved brand and manufacture in all shades on old work to give an even shade.	Sqm	11.44			
11	Steel work in built up tubular trusses including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer welded and bolted including special shaped washers etc complete.	Kg	167.40			
12	Providing corrugated G.I.sheet roofing fixed with galvanised iron J or L hooks, bolts & nuts 8 mm dia with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete, excluding the cost of purlins, rafters and trusses. a) 0.80 mm thick GI sheet	Sqm	149.28			
13	Cement concrete flooring 1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement. c) 75 mm thick	Sqm	71.82			

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Sl. No	Description of Item	Unit	Qty	Rate in Figure(Rs)	Rate in Words(Rs)	Amount(Rs)
14	White glazed tiles 5mm.thick in flooring, skirting, risers of step and dado in 12 mm thick cement plaster 1 : 3(1 cement: 3 coarse sand) painted with white cement slurry.	Sqm	45.44			
15	Chequered terrazzo tiles 22 mm thick with marble chips of sizes upto 6mm in floors on 25 mm thick bed mortar 1 : 3 (1 cement : 3 coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete: b) Medium shade using approximately 50% white cement and 50% ordinary cement.	Sqm	80.80			
16	Providing 125 mm thick brick drain for approved size including necessary excavation, PCC, etc. complete as directed.	Rm	97.80			
17	Providing and fixing white vitreous china wash basin painted white 15 mm CP brass pillar taps standard pattern, 32 mm dia CP brass trap and MI unions complete, including cutting and making good the walls where required.b) Flat back wash basin size 550x400 mm with single 15 mm CP brass pillar taps of heavy quality.	Each	5			
18	Providing and fixing white vitreous china water closet squatting pan (Indian type WC pan) size580 mm with 100 mm and plastic flushing cistern12.5 Litre high level (of approved make) with fittings RS brackets, with fittings and clamps 20 mm and fittings, cutting and making good the walls and floors where required. b) Orissa Pattern WC Pan.	Each	2			

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SCHEDULE OF QUANTITIES

Sl. No	Description of Item	Unit	Qty	Rate in Figure(Rs)	Rate in Words(Rs)	Amount(Rs)
19	Providing and fixing white vitreous china pedestal type (European type WC pan) water closet with seat and lid with CP brass hinges and rubber buffers, 12.5 Litres white vitreous china low-level flushing cistern with fittings and brackets 40 mm white porcelain in enamel led flush band and coupling of approved municipal design complete including cutting and making good the walls and floors where required. a) WC pan with white plastic seat and lid.	Each	1			
20	Labour rate for realignment/ replacement of existing GI water lines including necessary fitting such as elbow, socket, nipple, tee, union, stopcock, valve, bibcock, connection pipe, waste pipe, coupling, etc complete to make the site suitable.	Rm	LS			

Sub Total Rs.

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Sl. No	Description of Item	Unit	Qty	Rate in Figure(Rs)	Rate in Words(Rs)	Amount(Rs)
21	Wiring for light/fan /exhaust fan/call bell point with 1.5 sq. mm. Size PVC insulated unsheathed 1.1 KV grade approved by the department single core multistrand copper conductor cable(Finolex/Havells/L&T Make) in surface PVC casking capping wiring system including 6A single way flash tyep switch (Maru Neo Speed /Anchor Penta Make) ceiling rose , angle holder/batten holder/pendent holder (Maru Neo speed/Anchor Penta) , 4x4 PVC switch board (Presto Plast) etc in 19 mm size flate PVC casking capping (Presto Plast Make) complete as required and directed by deptt. Long Point					
	(i) Short Point Up to 3.00 M Length	Each	64			
	(ii) Medium Point up to 6.00 M Length	Each	117			
	(iii) Long Point up to 10.00 M Length	Each	88			
22	Wiring for 5 pin 16 A power plug point with 4.0 sq. mm PVC insulated unsheathed multistrand (Finolex/Havells/ Make) single core copper conductor cable in surface PVC casking capping (Presto Plast) wiring system including providing and fixing 5 pin 16 A flush type switch (Maru Neo speed/Anchor Penta) and socket (Maru neo speed, Anchor Penta/Indoasian) , fitted on 8 x 6 size PVC switch board cover including earth continuity with 2.5 sq.mm wire to the third pin of the plug socket etc complete as required and specified by deptt.					
	(a) Medium Point up to 6.00 M Length	Each	35			
	(b) Long point up to 10.00 M Length	Each	24			

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SCHEDULE OF QUANTITIES

Sl. No	Description of Item	Unit	Qty	Rate in Figure(Rs)	Rate in Words(Rs)	Amount(Rs)
23	Wiring for 5 pin 6 A power plug point with 1.5 sq. mm PVC insulated unsheathed multistrand (Finolex/Havells/ Make) single core copper conductor cable in surface PVC capping (Presto Plast) wiring system including providing and fixing 5 pin 6 A flush type switch (Maru Neo speed/Anchor Penta) and socket (Maru neo speed, Anchor Penta/Indoasian) , fitted on 7 x 4 size PVC switch board cover including earth continuity with 1.5 sq.mm wire to the third pin of the plug socket etc complete as required and specified by deptt.					
	(i) Medium Point up to 6.0M length	Each	12			
	(ii) Long Point up to 10.0M length	Each	10			
24	Supplying fitting and fixing of 6A flash type switch and socket on the existing switch board cover complete with all necessary connection as required. Maru Neo Speed/Anchor Penta/ Make	Each	50			
25	Wiring for sub-main wiring with the following size of PVC insulated, unsheathed wire, single core cable (Finolex/HavellsMake) in surface PVC capping (presto Plast) as required.					
	(a) With 2x 2.5 sq. mm. + earth continuity 1x 1.5 sq. mm. PVC insulated unsheathed single core copper in PVC capping.	Mtr	640			
	(a) With 2x 6.0 sq. mm. + earth continuity 1x 4.0 sq. mm. PVC insulated unsheathed single core copper in PVC capping.	Mtr	300			

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Sl. No	Description of Item	Unit	Qty	Rate in Figure (Rs)	Rate in Words(Rs)	Amount(Rs)
26	Supplying, installation, testing and commissioning of decorative striplite luminaries with electronic ballast, end cap and 1 x 40 watt prewired fluorescent tube complete with all accessories including connection with 1.5 sw. mm. Single core copper wire as required and directed by deptt. (Bajaj /CG Havells /Phillips Make	Each	49			
27	Supplying with fitting and fixing 4+12 way sheet steel phosphatised, power painted double door surface mounting vertical MCB TPN MCB DB incorporated with bus bar, neutral link, earth bar and din rail etc. complete with making necessary connection as specified and directed by deptt. (Legrand/Havells/Crabtee/Indoasian Make	Each	2			
28	Supplying with fitting and fixing 8 way sheet steel phosphatised, power painted double door surface mounting vertical MCB SPN MCB DB incorporated with bus bar, neutral link, earth bar and din rail etc. complete with making necessary connection as specified and directed by deptt. (Legrand/Havells/Crabtee/Indoasian Make	Each	19			
29	Supplying including fitting and fixing of 250mm sweep high speed ventil air Havells make AC exhaust fan in the existing hole on the wall complete with all necessary caonnection as specified and directed by department	Each	19			
30	Supplying fitting and fixing of electronic 4step hum free ceiling fan regulator including connections etc complete as required. (Maru Neospeed/Anchor Penta Make)	Each	49			

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Sl. No	Description of Item	Unit	Qty	Rate in Figure (Rs)	Rate in Words(Rs)	Amount(Rs)
31	Supplying with fitting and fixing sheet steel phosphatised power painted single door surface mounting 2 way MCB enclosure and necessary connection as directed by deptt. Legrand/Havells/Crabtree/Indiasian Make	Each	18			
32	Supplying with fitting and fixing 10 kA 240/415 v 50 Hz. B-series MCB of following capacity complete with necessary connection and terminal lug as reqd.					
	(a) 4 Pole 25 KA 100A MCCB (Legrand/Havells/Crabtree/Indoasian Make)	Each	2			
	(b) 3 Pole 63A MCB (Legrand/Havells/Crabtree/IndiasianMake)	Each	8			
	(c) 32 A single Pole MCB (Legrand/Havells/Crabtree/Indoasian Make)	Each	152			
	(d) 32 A double Pole MCB (Legrand/Havells/Crabtree/Indoasian Make)	Each	18			
33	Supply, installation & testing of GI Earth Station with 50mm. Dia and 3.00 mtr. Long heavy duty GI pipe with necessary 50mm dia GI fittings such as socket, tee, elbow, nipple and 65mm x 50mm size GI reducing socket for funnel including locking arrangement 300mm x 300mm x 6mm hinged cover CI earth plate complete with digging of earth pit construction of brick chamber and plastering the same in both side including refilling the pit with a layer of salt & charcoal and soil complete as specified and directed by department.	Each	11			

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Sl. No	Description of Item	Unit	Qty	Rate in Figure (Rs)	Rate in Words(Rs)	Amount(Rs)
34	Supplying and laying of 8 SWG copper earth drawn through 15mm dia medium quality GI pipe from earth electrode (below GL) to electrical switchgears or electrical machineries including making necessary connection as approved , specified and directed by department.	Mtrs	110			
35	Supplying and fitting of 9 watt CFL lamp in the existing light holder as specified and directed by deptt. Havells/Bajaj Make	Each	10			
36	Supplying fitting and fixing of single phase electronic energy meter of capacity 5A to 20A (HPL/Havells/Secure Make) complete with all necessary connection and earthing the body complete as required.	Each	18			
37	Dismantling and making good by damage done including painting etc.	LS	LS			

Grand Total Rs.

Rupees

(_____) only.

N.B.

1. The work will be executed as per CPWD's Specifications and norms.
2. Rates should be quoted both word and figure.

Signature of the Contractor

Address _____
