



CSIR-NORTH EAST INSTITUTE OF SCIENCE & TECHNOLOGY: JORHAT

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

NOTICE INVITING TENDER

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 orb) Two similar works each of value 50 % of estimated cost or c) One Similar work of 80 % estimated cost

For issue of tender papers, proof of their Registration, Experience, Sales Tax Certificate and Capability to the full satisfaction of the officer issuing the tenders.

The tender paper can also be downloaded from NEIST website <http://www.neist.res.in>. The interested parties full filling the above points may download the tender documents and the parties are advised to enclose a separate demand draft / pay order as tender paper cost as mentioned below payable to 'The Director, North East Institute of Science and Technology, Jorhat-785006'.

Sl. No	Name of Work	Estimated Cost in Rs.	Earnest money	Cost of Tender	Time of Completion	Date of issue	Date of submission
1.	Extension of three rooms for NEIST Guest House at NEIST -Jorhat.	Rs.35,43,558/-	Rs.71,000/-	Rs.1000/-	120 days	From 22.06.2011 to 01.07.2011	05.07.2011
2.	Raising and Strengthening of Boundary wall from back of Main Pump House to NH-37 at NEIST-Jorhat	Rs.20,23,460/-	Rs.40,500/-	Rs.1000/-	120 days	From 22.06.2011 to 01.07.2011	05.07.2011
3	Renovation & Re-arrangement of civil Engineering Section at NEIST,Jorhat	Rs.3,98,153/-	Rs.8,000/-	Rs.500/-	100 days	From 22.06.2011 to 01.07.2011	05.07.2011
4	Renovation A.O' Room ,connecting lobby of Main & Library, Director's Secretariat ( Side rm) at NEIST,Jorhat	Rs.2,52,475/-	Rs.5,100/-	Rs.500/-	60 days	From 22.06.2011 to 01.07.2011	05.07.2011
5	Renovation of Room No. E-22 to E-24 in Applied Civil Engineering Division,NEIST,Jorhat	Rs.7,15,082/-	Rs.14,500/-	Rs.1000/-	120 days	From 22.06.2011 to 01.07.2011	05.07.2011
6.	Construction of 4 Nos Security Tower at NEIST-Jorhat.	Rs.3,00,497/-	Rs.6,100/-	Rs.500/-	100 days	From 22.06.2011 to 01.07.2011	05.07.2011
7.	Renovation and Modification of the NEIST Creche.	Rs.7,82,220/-	Rs.16,000/-	Rs.1000/-	100 days	From 22.06.2011 to 01.07.2011	05.07.2011
8.	Providing new sewer in colony area from A22 to back of D20 through Assam B type quarter at NEIST-Jorhat.	Rs.10,75,863/-	Rs.22,000/-	Rs.1000/-	120 days	From 22.06.2011 to 01.07.2011	05.07.2011

9.	Providing false ceiling in social activity center at NEIST-Jorhat.	Rs.2,31,116/-	Rs.4,700/-	Rs.500./	45 days	From 22.06.2011 to 01.07.2011	05.07.2011
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1. The tenderers are required to produce proof of fulfilling these conditions along with latest registration, experiences, sale taxes certificate / Income Tax Clearance Certificate and capability while making request for issue of tender documents.
2. Complete Contract documents to be complied with by the tenderer whose tender may be accepted can be seen at the office of Section Officer(Works) of Administrative Building(G.F.), NEIST, Jorhat before issuing tender paper.
3. Tenders should be on the specified form. (Non-transferable) which may be obtained from the Office of Section Officer(Works) Section during office hours on payment as mentioned above-in cash (non-refundable). Sale of tenders shall be stopped two days before the date of opening of tenders. (Issue of tender paper from 22.06.2011 to 01.07.2011).
4. 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 3.00 P.M on 05.07.2011 and will be opened at 3.30. P.M on the same day in the office of COA/AO, North East Institute of Science & Technology, Jorhat,. Tenders should be dropped in the tender before the closing date and time indicated. In case these are sent by post there should be sent by Regd. post, speed post addressed to COA/AO, Director, North East Institute of Science & Technology, Jorhat Tenderers are to ensure that the post the tender well in advance so as to reach before the closing time and date indicated.
5. The Earnest money amounting to amount mentioned above as demand draft or pay order of a schedule bank and drawn in favour of 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 to himself the right of accepting the whole or any part of the tender.
6. Canvassing in connection with the tenders is prohibited and the tenders submitted by contractor who resort to canvassing are liable for rejection.
7. The tenderer shall not be permitted to tender for works in the concerned unit of CSIR in which a relative 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 who 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 daughters husband, Brother (including step brother), wife, Sister (including step sister). Sister's husband.
8. 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.
9. 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.
10. 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.
11. 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.

12. Earnest money will be forfeited if the contractor fails to commence the work as per letter of award.
13. Expect 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.
14. 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 Security 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.
15. 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		CONTRACTOR'S SUPPLY			
2. Steel					

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

16. For all specialist jobs e.g., lights, air conditioning, public address, fire protection, security I surveillance and

building management systems, technical (covering also general conditions and commercial terms) and financial offers will be given separately in two sealed covers.

#### IV 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.
  - (i) 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.
  - (ii) 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.

V.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 rain snowfall, 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.

# Name of Work

Extension of three rooms for NEIST Guest House at NEIST -Jorhat.

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Sl. No.	DESCRIPTION	Pages
1	Contents	1
2	Notice Inviting Tenders	
3	Abstract of cost	
4	Schedule of quantities & summary sheet	
5	(A) Condition of Contract for works	
	i) In English	

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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.

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TENDER ISSUED TO : M/s .....

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Telephone no: \_\_\_\_\_ (IF ANY)

RRL Receipt No. \_\_\_\_\_ dated \_\_\_\_\_ for Rs. \_\_\_\_\_

SIGNATURE OF THE OFFICER ISSUING TENDER



CSIR-NORTH EAST INSTITUTE OF SCIENCE & TECHNOLOGY: JORHAT

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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 daughters husband, Brother (including step brother), wife, Sister (including step sister). Sister's husband.

8. 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.
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work as shown in the agreement.

17. 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	
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2. Steel					

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

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

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Incase of any discrepancy the order of precedence in interpretation shall be as under.

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- (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.

- 1. 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.
- 2. 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.

### V.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.
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- 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.



**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM****(Council of Scientific and Industrial Research)****SCHEDULE OF QUANTITIES.**

Name of Work : Extension of three rooms for NEIST Guest House at NEIST -Jorhat.

SL	Description of Item	Unit	Qty	Rate in Figure	Rate in Word	Amount
1	Demolishing of brick masonry wall including disposal of rubbishes within a lead of 100 mtr as directed by all levels.	SQM	26.78			
2	112 mm thick 1st class brick nogged wall in cement mortar including racking out joints and curing complete as per direction in superstructure above plinth up to 1st floor level.(a) In proportion 1:4	SQM	155.01			
3	BRICK WORK in cement mortar with 1st class brick including racking out joints and dewatering if necessary and joints complete as directed in sub structure up to plinth level(a) In proportion 1:3	CUM	11.75			
4	CEMENT PLASTERING WORK::Providing 15 mm thick cement plastering work in single coat on rough surfaces floor levels including arises ,internal round angle setc complete as per direction.	SQM	263.8			
5	Providing and laying plain /reinforced cement concrete works in prop 1:2:4 (1cement : 2sand:4 aggregates20mm down size)including dewatering if necessary and curing complete but excluding the cost of sform work and reinforcement . Etc complete as per direction.level.b)(II) Column,,beam,lintel)	CUM	7.31			
6	REINFORCEMENT :Supplying ,fitting and fixing in positionreinforcement bars conforming to relevant I.S. code for RCC work/R.B. walling including straitgening ,cleaning,cutting and bending to proper shape and length as per details,supplying and binding with 20G annealed black wire and palcing in position etc complete as per direction.(b) TMT bars	QTL	7.23			
7	Providing and laying plain cement concrete works in prop 1:2:4 (1cement : 2sand:4 aggregates20mm down size)including dewatering if necessary and curing complete but excluding the cost of sform work and reinforcement . Etc complete as per direction.level.b)(II) floor	CUM	24.97			
8	Providing form work of ordinary timber planking sa as to give rough finish including centring ,shuttering ,strutting and propping and centring below supporting floor to ceiling not excluding 4.0m and removal of the same for cast in situ reinforced concrete and pain cement concrete work.(ii) Using 25mm thick plank	SQM	116.9			
Total of Page 1/5 Rs.						



**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**

**(Council of Scientific and Industrial Research)**

**SCHEDULE OF QUANTITIES.(CIVIL)**

Name of Work : Extension of three rooms for NEIST Guest House at NEIST -Jorhat.

SL	Description of Item	Unit	Qty	Rate in Figure	Rate in Word	Amount
9	Providing tiles flooring in rooms and lobby with RAK sine over cement mortar of 20 mm thicl in proportion 1:3 etc . The colour of the tiles will have to be approved by the Department before laying etc complete as directed. Size :600mmx600mm	SQM	87.78			
10	Providing tiles in flooring of bath rooms (Antiskid) over cement mortar of 20 mm thicl in proportion 1:3 etc . The colour of the tiles will have to be approved by the Department before laying etc complete as directed. {Size :400mmx400mm.}	SQM	15.32			
11	Providing tiles on walls of bath rooms Somany make over cement mortar of 20 mm thick in proportion 1:3 etc . The colour of the tiles will have to be approved by the Department before laying etc complete as directed. Size :200mmx300mm	SQM	64.14			
12	Providing and laying ceramics floor tiles (SOMANY MAKE) in diiference floor of approved make (sonamy) over 15mm thick cement mortar in prop 1:3 and finishing the flushing pointing with white cement and matching pigment of approved colour etc complete as per direction. SIZE 605mmx 605mm	SQM	150.82			
13	GRANITE FLOORING: Providing polished granite tiles of approved quality ,size and shape and thickness not less than 8mm ,on walls over 15mm thick cement mortar bed in prop.1:3 including cutting where necessary ,finished with flush pointing on wall with ordinary cement to match shade of tiles ,complete at all levels as specified and directed	SQM	50.16			
14	Supplying and installation of Armstrong Prima Dune RH 99 mineral fibre board false ceiling system with 15mm Armstrong Microlook suspension system having main runners is to be fixed at 1000mm maximum centre Armstrong Prima Dune RH 99 pre-painted bevelled triangular(tengular) tiles in size of 600mmx600mm ,15mm thick with NRC value of 0.50 ,STC of 34 pb ,ahving light reflection of 85% or more and thermal conductivity K-0.052 W/M degree cetrigrade .The fire rating of the tile be class 0 for fire propagation and class 1 for spread of flames as per BS-476,and having humidity resistance of 99% RH.	SQM	249.65			
15	Providing ,fabrication and fixing of structural glazing made out of Anodised aluminium mother frame (INDAL9303) and subframe (INDAL9406) and 5mm reflective glass of approved shade .The glass to be pasted using structural silicon to be used (DC995)and weathersealed silicon to be used (DC789) ,the structure complete within all accessories as and where necessary.	SQM	54.91			

Total of Page 2/5 Rs.

**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM****(Council of Scientific and Industrial Research)****SCHEDULE OF QUANTITIES.(CIVIL)**

Name of Work : Extension of three rooms for NEIST Guest House at NEIST -Jorhat.

SL	Description of Item	Unit	Qty	Rate in Figure	Rate in Word	Amount
16	Providing fitting and fixing anodised aluminium Door of standard sections ,joints ,mitred and providing and fitting angle cleat,rubber,gasket,bolting device screws etc at all levels (i) 6mm clear glass sheet	SQM	19.36			
17	PVC DOOR FRAME: Providing ,fitting fixing polymer reinforced moulded PVC door chowkath fixed to column /wallsetc with necessary hold fast etc complete as per direction.	RM	10.00			
18	PVC DOOR FRAME&SHUTTERS: Providing ,fitting fixing polymer reinforced moulded PVC door shutter fixed to chowkath with necessary hinges ,screws etc complete as per direction.(a) 29mm thick	SQM	3.16			
19	Supplying and installation of of 3mm thick Armstrong make Aluminum composit panel (ACP) with a skin thickness of 0.25 mm on each side and non-toxic polythene core of 2.5mm to be installed by forming try on alluminum hollow tube in the size of 38mmx25mmx1.2 mm .The ACP should be PVdf coated by EIF ATOCHEM ,KYNAR 500(min.70%) for high quality :even finish and long lasting colours on the front side and back side should be polyster paint .The expansion joint are to be fitted with weather silicon in cloumn and wall.	SQM	6.24			
20	Painting with acrylic emulsion paint of approved make etc.(Interroiror)	SQM	263.80			
21	<b>EUROPEAN TYPE WATER CLOSET:</b> Providing fitting and fixing vitreous water closet 400mm high of parryware/hindware make with seat and lid ,CP brass hinges and buffers ,10 litres low level PVC flushing cistern of matching colour with 40 mm dia flush band all fittings and fixtures complete including making the wall/floor good wherever necessary et complete as [per direction.(a) Coloured	Each	3.00			
22	Renewing coloured <b>Seat and lid</b> for EWC type WC complete as directed and specified (colour will be similar as EWC)	Each	3.00			
23	Providing vitreous china <b>Wash basin</b> of size 630mmx450mm of parry ware/Hindware make with pedastral ,32mm C.P.brass waste coupling of standard pattern ,PVC waste pipe (flexible),connection pipe including making the wall good and painting to done if necessary etc complete as per direction.(b) Coloured vitreous china wash basin. 630mmx450mm.	Each	3.00			

Total of Page 3/5 Rs.



**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**

**(Council of Scientific and Industrial Research)**

**SCHEDULE OF QUANTITIES.(CIVIL)**

Name of Work : Extension of three rooms for NEIST Guest House at NEIST -Jorhat.

SL	Description of Item	Unit	Qty	Rate in Figure	Rate in Word	Amount
24	Providing fitting and fixing basin mixer of (CP) for VIP use etc complete as per direction.	Each	3.00			
25	Providing fitting and fixing 15 mm dia <b>Bibcock</b> of approved make etc complete as per direction.(b)(ii)Quenn collection of Jaquar make.	Each	6.00			
26	Providing fitting and fixing 15 mm dia conealed <b>Stop cock</b> of SONA make etc complete as per direction.	Each	16.00			
27	Providing fitting and fixing C.P. wall mixer of Jaquar make (iii) Wall mixer with telephonic shower.	Each	3.00			
28	Providing fitting and fixing C.I.gratings to the floor complete as directed.	Each	3.00			
29	Providing fitting and fixing recessed soap tray of hindware make etc complet as directed (b) (ii) coloured 150mmx75mm	Each	3.00			
30	Providing fitting and fixing decorative mirror of approved make and colour complete as directed.(c)600mmx900mm.	Each	3.00			
31	Providing fitting and fixing CP towel rail of Jaquar make etc complete as directed.(a) 600mm long	Each	3.00			
32	Providing fitting and fixing Cptoilet paper holder of Sona make etc complete as per direction.	Each	3.00			

Total of Page4/5 Rs.

**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM****(Council of Scientific and Industrial Research)****SCHEDULE OF QUANTITIES.(CIVIL)**

Name of Work : Extension of three rooms for NEIST Guest House at NEIST -Jorhat.

SL	Description of Item	Unit	Qty	Rate in Figure	Rate in Word	Amount
33	Providing fitting and fixing CP towel ring of Jaquar make etc complete as directed.(a) 300mm long	Each	3.00			
34	Providing fitting and fixing glass mirror shelf wit C.P.gaurd rail of SONA make etc complete as directed.	Each	3.00			
35	Providing fitting and fixing CP consealed stop cock 15 mm dia with flange sheet etc complet as directed.	Each	14.00			
36	Providing fitting and fixing C.P. telephonic shower with arm (ESS) make etc.	Each	3.00			
37	Supplying fitting and fixing G.I. pipes of folowing sizes with all necessary G.I.fittings such as Tee,nipple,bend,socket,R.socket elbow ,reducer,plug, clamps etc complete as per direction.((II) consealled by chiselling or breaking waall /CC work and making the wall good.(f)(ii) 15mm dia Using I.T.C./Nezone(medium)	RM	35.00			
38	Supplying fitting and fixing G.I. pipes of folowing sizes with all necessary G.I.fittings such as Tee,nipple,bend,socket,R.socket elbow ,reducer,plug, clamps etc complete as per direction.((II) consealled by chiselling or breaking waall /CC work and making the wall good.(D)(ii) 25mm dia Using I.T.C./Nezone(medium)	RM	40.00			
39	Supplying fitting and fixing P.V.C pipe of 6kgf/square cm or other ISI approved pipe including jointing,fitting and placing in position with clamps etc including necessary PVC .fittings such as Tee,bend,socket,R.socket elbow ,reducer,plug, complete as per direction.((II) 110 mm dia pipe .	RM	30.00			
Total of Page 4/5 Rs.						



**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**

**(Council of Scientific and Industrial Research)**

**SCHEDULE OF QUANTITIES.(CIVIL)**

Name of Work : Extension of three rooms for NEIST Guest House at NEIST -Jorhat.

SL	Description of Item	Unit	Qty	Rate in Figure	Rate in Word	Amount
40	Supplying fitting and fixing P.V.C pipe of 6kgf/square cm or other ISI approved pipe including jointing,fitting and placing in position with clamps etc including necessary PVC .fittings such as Tee,bend,socket,R.socket elbow ,reducer,plug, complete as per direction.((II) 160 mm dia pipe .	RM	40.00			
41	Supplying fitting and fixing Full modular kitchen with chymney Faber mars or tnderv 60 LTW ,gas hob Faber make ,sink - Nirali make ,sink mixer Granite wall tilesl ,Micro oven 20 ltr capacity of Faber make freez 165 ltr capacity of Godrej make and other kitchen for full modular ,steel all. ,mpl high glass & mply MAAtt,accessories (wire baskets) steel & PVC coated etc complete as directed.( Details are in Drawing)	each	1.00			
42	Supplying fitting and fixing Jaquar make shower panel model RIO of 22 x18 x 150 h comprising with manual hydro massage with 6 vertical jets,Riandance overhead shower with rain ,whirl and balance spray ,bath spout ,thermomastic mixer diverter valve ,body amde of anodised aluminium profile with satin finish all fittings in chrome finish. etc including water line coonction with necessary GI pipes to faciliate water in the panel etc complete as per directions.	each	3.00			
43	Supplying fitting and fixing Jaquar make quardrant enclosrer of specification s IBIZA of hieght 1850mm,width 1200mm of glass thickness 3mm , colour Silver/white etc including provision to be make to drain out the waste water by connection in waste water line etc complete as per directions.	each	3.00			
44	Providing and fixing fixed windows of standard alluminium section joints mitred fitted with 6mmx3.15 mmlugs 10mm long embeded in CC and providing and fixing handles ,jointing cleat ,angle cleat,rubber,roller,etc complete as per directions. (v) 5mm coloured glass.	SQM	62.26			
Grant total (page 1 to 5)RS.						

(Rupees.....)

NB **1.Rates should be quoted both in figure and word.**

**2.Work will be executed as per CPWD's Norms.**



**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**  
(Council of Scientific and Industrial Research)

**Schedule of Quantites(ELECTRICAL)**

Name of Work :ELECTRIFICATION TO GUEST HOUSE 1ST FLOOR VIP ROOMS AT NEIST JORHAT

SI	Description of item	Unit	Qty	Rate in Figure	Rate in Word	Amount
1	Wiring for light/fan point with 1.5 sq. mm. Size PVC insulated coper wires of 1.1 KV grade (Havells/HPL/Finolex make) approved by the department single core copper conductor cable in recessed PVC 2 mm thick round conduit wiring system including ceiling rose (Legrand Make)without switch and switch boardcomplete as required and directed by deptt. Group-B	Each	44			
	Wiring for sub main with insulated single core copper conductor (Havells/HPL/Finolex Make) in recessed PVC conduit 2.0 mm thick with earth continuity as directed by the deptt.(a) 2 x 2.5 sq.mm + 1 x 2.5 sq.mm with 19mm dia 2.0mm thick rigid conduit	Mtr	210			
	(b) 2 x 4.0 sq.mm + 1 x 2.5 sq.mm with 19mm dia 2.0mm thick rigid conduit	Mtr	370			
	(c ) 4 x 6.0 sq.mm + 1 x 2.5sq.mm with 32mm dia 2.5mm thick rigid conduit	Mtr	140			
	(d) 4 x 16.0 sq.mm + 1 x 6sq.mm with 50mm dia 2.0mm thick rigid conduit	Mtr	50			
2	Supplying and drawing co-axial cable size CAT-6 wire with PVC insulated through 25mm dia 2mm thick PVC pipe with recessed conduit system as per direction of deptt	Mtr	180			
3	Wiring for internet and telephone wiring with the 0.71 mm size 3 core PVC insulated, unsheathed copper cable (Havells/HPL/ Finolex Make) in recessed 19mm dia PVC round conduit 2.00mm thick conforming to ITI and ITD specifications as required.	Mtr	130			
4	Supplying with fixing modular clip type switch and socket of floolowing capacity in recessed system including making necessary connection as directed by deptt ( Legrand arteor Make. Smoke grey colour )(a) 6A 1 way clip type modular switch	Each	79			
	(b) 6A clip type modular socket	Each	13			
	(b) 20A 1 way clip type modular switch	Each	23			
	(c ) 20/6A clip type modular socket	Each	23			
Total of Page 1/4 Rs.						



**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**  
(Council of Scientific and Industrial Research)

**Schedule of Quantities(ELECTRICAL)**

Name of Work :ELECTRIFICATION TO GUEST HOUSE 1ST FLOOR VIP ROOMS AT NEIST JORHAT

Sl	Description of item	Unit	Qty	Rate in Figure	Rate in Word	Amount
5	Supplying fitting and fixing modular RJ-45 single computer jack with shutter complete with 1 module surface PVC box , 1 module cover plates and all necessary connection as required and specified by deptt. (Legrand arteor Make. Smoke grey colour)	Each	7			
6	Supplying fitting and fixing modular RJ-11 double telephone complete with 1 module surface PVC box , 1 module cover plates and all necessary connection as required and specified by deptt. (Legrand Make. Smoke grey colour)	Each	9			
7	Supplying and fixing of modular TV co-axial out let (Legrand Make, Smoke grey colour)complete as directed by deptt	Each	6			
8	Supplying including fixing of following sizes of recessed mounting modular boxes as directed by deptt (Legrand arteor Make)(a) 1-3 Module	Each	26			
	(b) 4-5 Module	Each	24			
	(c ) 6-8 Module	Each	8			
9	Supplying including fitting of logic front plate of suitable colour as directed by deptt. (Legrend Arteor Make, smoke grey colour)(a) 3 Module	Each	26			
	(b) 4 Module	Each	23			
	(c ) 5 Module	Each	2			
	(d) 8 Module	Each	8			
10	Supplying with fitting and fixing 40 A 4 Pole MCB with sheet steel phosphatised, power painted 4 way MCB enclosure complete with necessary connection etc as specified and directed by deptt. (Legrand Make)	Each	8			
11	Supplying with fitting and fixing 40 A 2 Pole MCB with sheet steel phosphatised, power painted 4 way MCB enclosure complete with necessary connection etc as specified and directed by deptt. (Legrand Make)	Each	8			
Total of Page 2/4 Rs.						



**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**  
(Council of Scientific and Industrial Research)

**Schedule of Quantities(ELECTRICAL)**

Name of Work :ELECTRIFICATION TO GUEST HOUSE 1ST FLOOR VIP ROOMS AT NEIST JORHAT

Sl	Description of item	Unit	Qty	Rate in Figure	Rate in Word	Amount
12	Supplying with fitting and fixing 6 way (4+18 ) sheet steel phosphatised, power painted double door surface mounting vertical 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 Make	Each	2			
13	Supplying with fitting and fixing MCCB incomer and MCB outgoing 8 way (125+24 ) sheet steel phosphatised, power painted double door surface mounting vertical 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 Make	Each	1			
14	Supplying installation testing and commissioning of 1 x 70 watt CMI-T modular down light with frosted glass angle adjustment recessed/ceiling mounting luminaries set complete with luminaries, control gear and all necessary connection as required. Havells Make . LHOM76115399	Each	3			
15	Supplying installation testing and commissioning of 2 x 36 watt decorative mirror optic recessed/ceiling mounting luminaries set complete with luminaries, electronic ballast and all necessary connection as required. Havells Make . LHCC70236127	Each	25			
16	Supplying installation testing and commissioning of 4x24 watt FTL T5 recessed/ceiling mounting luminaries set complete with luminaries, control gear and all necessary connection as required. Havells Make . Cat No. LHCT13414340	Each	8			
17	Supplying installation testing and commissioning of 48 watt LED 3K Endura Flat Panel recessed/ceiling mounting luminaries set complete with luminaries, control gear and all necessary connection as required. Havells Make . Cat No. LHCD01048674	Each	6			
Total of Page(3/4) Rs.						



CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM

(Council of Scientific and Industrial Research)

Schedule of Quantities(ELECTRICAL)

Name of Work :ELECTRIFICATION TO GUEST HOUSE 1ST FLOOR VIP ROOMS AT NEIST JORHAT

Sl	Description of item	Unit	Qty	Rate in Figure	Rate in Word	Amount
18	Supplying fitting and fixing of following capacity MCB as specified and directed by deptt (Legrand Make)(a) 4 Pole 125A MCCB	Each	1			
	(b) 3 Pole 63A MCB	Each	8			
	(b) 6-32A C series MCB SP	Each	24			
19	Supplying and fixing of 400 mm sweep swing wall fan complete with all accessories and remote operation with remote batteries and necessary connection etc ar required and as directed by deptt. (Havells/Khaitan/Polar Make)	Each	9			
20	Supplying and fixing of 130 mm sweep ventil air exhaust fan on ceiling complete with necessary air exhaust piping and necessary connection etc ar required and as directed by deptt. (Havells Ventil Air DX C 130 Make )	Each	4			
21	Making good to damage done complete with necessary painting etc. as directed by deptt.	LS	L/S			
Grant total (page 1 to 4)RS.						

(Rupees.....)

- NB
- 1.Rates should be quoted both in figure and word.
  - 2.Work will be executed as per CPWD's Norms.

# Name of Work

Raising and Strengthening of Boundary wall from back of Main Pump House to NH-37 at NEIST-Jorhat

## CONTENTS

Sl. No.	DESCRIPTION	Pages
1	Contents	1
2	Notice Inviting Tenders	
3	Abstract of cost	
4	Schedule of quantities & summary sheet	
5	(A) Condition of Contract for works	
	i) In English	

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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.

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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

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 orb) Two similar works each of value 50 % of estimated cost or c) One Similar work of 80 % estimated cost

For issue of tender papers, proof of their Registration, Experience, Sales Tax Certificate and Capability to the full satisfaction of the officer issuing the tenders.

The tender paper can also be downloaded from NEIST website <http://www.neist.res.in>. The interested parties full filling the above points may download the tender documents and the parties are advised to enclose a separate demand draft / pay order as tender paper cost as mentioned below payable to 'The Director, North East Institute of Science and Technology, Jorhat-785006'.

Sl. No	Name of Work	Estimated Cost in Rs.	Earnest money	Cost of Tender	Time of Completion	Date of issue	Date of submission
1.	Raising and Strengthening of Boundary wall from back of Main Pump House to NH-37 at NEIST-Jorhat	Rs.20,23,460/-	Rs.40,500/-	Rs.1000/-	120 days	From 22.06.2011 to 01.07.2011	05.07.2011

- The tenderers are required to produce proof of fulfilling these conditions along with latest registration, experiences, sale taxes certificate / Income Tax Clearance Certificate and capability while making request for issue of tender documents.
- Complete Contract documents to be complied with by the tenderer whose tender may be accepted can be seen at the office of Section Officer(Works) of Administrative Building(G.F.), NEIST, Jorhat before issuing tender paper.
- Tenders should be on the specified form. (Non-transferable) which may be obtained from the Office of Section Officer(Works) Section during office hours on payment as mentioned above-in cash (non-refundable). Sale of tenders shall be stopped two days before the date of opening of tenders. (Issue of tender paper from 22.06.2011 to 01.07.2011).
- 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 3.00 P.M on 05.07.2011 and will be opened at 3.30. P.M on the same day in the office of COA/AO, North East Institute of Science & Technology, Jorhat,. Tenders should be dropped in the tender before the closing date and time indicated. In case these are sent by post there should be sent by Regd. post, speed post addressed to COA/AO, Director, North East Institute of Science & Technology, Jorhat Tenderers are to ensure that the post the tender well in advance so as to reach before the closing time and date indicated.
- The Earnest money amounting to amount mentioned above as demand draft or pay order of a schedule bank and drawn in favour of 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 to himself the right of accepting the whole or any part of the tender.
- Canvassing in connection with the tenders is prohibited and the tenders submitted by contractor who resort to canvassing are liable for rejection.
- The tenderer shall not be permitted to tender for works in the concerned unit of CSIR in which a relative 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 who 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 daughters husband, Brother (including step brother), wife, Sister (including step sister). Sister's husband.

8. 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.
9. 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.
10. 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.
11. 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.
12. Earnest money will be forfeited if the contractor fails to commence the work as per letter of award.
13. 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.
14. 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@1 0% 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 Security within the period prescribed for commencement of work in the letter of ward 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.

15. 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		CONTRACTOR'S SUPPLY			
2. Steel					

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

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

IV 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
- (ix) 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.

(v) 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.

(vi) 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.

### V. 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 rain snowfall, 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.





**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**  
**(Council of Scientific and Industrial Research)**  
**SCHEDULE OF QUANTITIES.**

Name of Work : Raising and Strengthening of Boundary wall from back of Main Pump House to NH-37 at NEIST-Jorhat.(page1/2)						
SL	Description of Works	Unit	QTY	Rate In Figure	Rate In Word	Amount
1	Earth work in excavation in foundation trenches or drains including dressing of the sides and ramming of the bottom,lift upto 1.5M including getting out the excavated soil & disposal of surplus excavated soil as directed within a lead of 50M for all kinds of soil.	CUM	18.95			
2	Clearing jungle including uprooting of rank of vegetation, grass, bush wood, trees and sapling of girth upto 30 cm measured at a height of 1 m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the of the area cleared.	per 100 Sqm	940.00			
3	Providing and laying in position cement concrete of specific grade excluding the cost of centring and shuttering-all work upto plinth level.b) 1:3:6with Coarse sand & 20mm size Aggregate	CUM	3.16			
4	Providing & laying in position specified grade cement concrete excluding the cost of centring, shuttering, finishing and reinforcement-All work up to plinth level a) 1:2:4 with Coarse sand & 20mm size Aggregate	Cum	124.32			
5	Centring & shuttering including strutting,propping etc.& removal of form for 1)Foundation,base of column 5)Lintel,beams,plinth beam,cantilevers	Sqm	1048.18			
6	Providing ,fitting and fixing in position reinforcement bars conforming to relevant I.S. code for RCC work including straitgening ,cleaning,cutting and bending to proper shape and length as per details,supplying and binding with 20G annealed black wire and palcing in position etc complete as per direction.(b) (ii)ISI MARKED	Qtl	114.99			
7	BRICK WORK in cement mortar with 1st class brick including racking out joints and dewatering if necessary and joints complete as directed in sub structure up to plinth level.(a) In proportion 1:4	Sqm	540.50			
8	CEMENT PLASTERING WORK::Providing 15 mm thick cement plastering work in single coat on rough surfaces floor levels including arises ,internal round angle setc complete as per direction. (a) In cement moratar 1:3	Sqm	1608.16			
Total of page 1/2 Rs.						



**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**  
 (Council of Scientific and Industrial Research)  
**SCHEDULE OF QUANTITIES.**

Name of Work : Raising and Strengthening of Boundary wall from back of Main Pump House to NH-37 at NEIST-Jorhat.(page2/2)						
SL	Description of Works	Unit	QTY	Rate In Figure	Rate In Word	Amount
9	Finishing walls with water proofing cement paint "Snowcem - Plus of M/S Snowcem India Ltd. two or more coats including preparation of the surface .	Sqm	2914.00			
10	Demolishing the brick wall/floor /plastering from walls without causing any damages to the wall/members upto any height including disposal of rubbishes as directed by all levels.	Cum	43.84			
11	Supplying ,fixing and placing broken glass pieces over the concrete coping of Boundary wall etc complete as directed.	LS	LS			
Total value Rs.						

(Rupees.....)

- NB
- 1.Rates should be quoted both in figure and word.
  - 2.Work will be executed as per CPWD's Norms.

# Name of Work

## Renovation & Re-arrangement of civil Engineering Section at NEIST, Jorhat

### CONTENTS

Sl. No.	DESCRIPTION	Pages
1	Contents	1
2	Notice Inviting Tenders	
3	Abstract of cost	
4	Schedule of quantities & summary sheet	
5	(A) Condition of Contract for works	
	i) In English	

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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.

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TENDER ISSUED TO : M/s .....

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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

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 orb) Two similar works each of value 50 % of estimated cost or c) One Similar work of 80 % estimated cost

For issue of tender papers, proof of their Registration, Experience, Sales Tax Certificate and Capability to the full satisfaction of the officer issuing the tenders.

The tender paper can also be downloaded from NEIST website <http://www.neist.res.in>. The interested parties full filling the above points may download the tender documents and the parties are advised to enclose a separate demand draft / pay order as tender paper cost as mentioned below payable to 'The Director, North East Institute of Science and Technology, Jorhat-785006'.

Sl. No	Name of Work	Estimated Cost in Rs.	Earnest money	Cost of Tender	Time of Completion	Date of issue	Date of submission
1.	Renovation & Re-arrangement of civil Engineering Section at NEIST, Jorhat	Rs.3,98,153/-	Rs.8,000/-	Rs.500/-	100 days	From 22.06.2011 to 01.07.2011	05.07.2011

1. The tenderers are required to produce proof of fulfilling these conditions along with latest registration, experiences, sale taxes certificate / Income Tax Clearance Certificate and capability while making request for issue of tender documents.
2. Complete Contract documents to be complied with by the tenderer whose tender may be accepted can be seen at the office of Section Officer(Works) of Administrative Building(G.F.), NEIST, Jorhat before issuing tender paper.
3. Tenders should be on the specified form. (Non-transferable) which may be obtained from the Office of Section Officer(Works) Section during office hours on payment as mentioned above-in cash (non-refundable). Sale of tenders shall be stopped two days before the date of opening of tenders. (Issue of tender paper from 22.06.2011 to 01.07.2011).
4. 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 3.00 P.M on 05.07.2011 and will be opened at 3.30. P.M on the same day in the office of COA/AO, North East Institute of Science & Technology, Jorhat,. Tenders should be dropped in the tender before the closing date and time indicated. In case these are sent by post there should be sent by Regd. post, speed post addressed to COA/AO, Director, North East Institute of Science & Technology, Jorhat Tenderers are to ensure that the post the tender well in advance so as to reach before the closing time and date indicated.
5. The Earnest money amounting to amount mentioned above as demand draft or pay order of a schedule bank and drawn in favour of 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 to himself the right of accepting the whole or any part of the tender.
6. Canvassing in connection with the tenders is prohibited and the tenders submitted by contractor who resort to canvassing are liable for rejection.
7. The tenderer shall not be permitted to tender for works in the concerned unit of CSIR in which a relative 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 who 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 daughters husband, Brother (including step brother), wife, Sister (including step sister). Sister's husband.

8. 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.
9. 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.
10. 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.
11. 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.
12. Earnest money will be forfeited if the contractor fails to commence the work as per letter of award.
13. 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.
14. 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@1 0% 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 Security 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.

15. 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		CONTRACTOR'S SUPPLY			
2. Steel					

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

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

#### IV 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
- (x) 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.

(vii) 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.

(viii) 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.

17. 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.

18. 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.

## V.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 rain snowfall, 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.





**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**

**(Council of Scientific and Industrial Research)**

**SCHEDULE OF QUANTITIES.**

Name of Work : Renovation & Re-arrangement of Civil Engineering Section at NEIST ,Jorhat {Page -1/5}

SL	Description of item	Unit	Qty	Rate in Figure	Rate in Word	Amount
1	Dismantling of existing steel windows/steel ventilators/steel windows without causing any damages the walls,removing to a safe place and necessary repairs to the edges of wall.i/c stacking the materials as directed by the department for all levels.	SQM	11.71			
2	Demolishing the plastering from walls without causing any damages to the wall/members upto any height including disposal of rubbishes as directed by all levels.	CUM	5.04			
3	Providing and laying plain /reinforced cement concrete works in prop 1:2:4 (1cement : 2sand:4 aggregates20mm down size)including dewatering if necessary and curing complete but excluding the cost of form work and reinforcement . Etc complete as per direction. (b)(I) In Superstructure from P.L. up to 1st floor level	CUM	0.89			
4	<b>REINFORCEMENT</b> :Supplying ,fitting and fixing in position reinforcement bars conforming to relevant I.S. code for RCC work/R.B. walling including straightening ,cleaning,cutting and bending to proper shape and length as per details,supplying and binding with 20G annealed black wire and palcing in position etc complete as per direction.	Qtl	2.40			
5	SHUTTERING,FORM WORK :Providing form work of ordinary timber planking sa as to give rough finish including centring ,shuttering ,strutting and propping and centring below supporting floor to ceiling not excluding 4.0m and removal of the same for cast in situ reinforced concrete and pain cement concrete work.(ii) Using 25mm thick plank.	SQM	12.98			
6	<b>GRANITE FLOORING</b> :20 mm thick polished granite slab of approved quality ,size and shape and over 10mm thick cement mortar bed in prop.1:3 including cutting where necessary ,finished with matching pigment to match shade of slab ,complete at all levels as specoified and directed. (Both exterior and interior wall) <b>(A)Granite slab -black,</b>	SQM	2.29			
7	DOOR /WINDOWS FITTINGS:Supplying ,fitting,fixing anodised alluminium fittings of approved make resoanbly smooth ,free from sharp edges,cornersand other defects with counter sunk holes for screws including necessary screws etc complete as per direction.(m)(iii) Door closer	Each	5.00			
Total of Page 1/ Rs.						



**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**  
**(Council of Scientific and Industrial Research)**

**SCHEDULE OF QUANTITIES.**

Name of Work : Renovation & Re-arrangement of Civil Engineering Section at NEIST, Jorhat {Page -2/5}

SL	Description of item	Unit	Qty	Rate in Figure	Rate in Word	Amount
8	Providing,fitting and fixing anodised aluminium openalbe/sliding windows of standard section without horizontal glazing bars,joints,mitred (manufactured to relevent IS specification) and providing and fixing handles,angle cleat,robber gasket ,blting device,locking arrangement ,screws etc complete as specified and directed for all levels.)track will three for window and two for ventilator with 5 mm glass(frosted(opeque) glass for tolet ventilator)	SQM	10.72			
9	112 mm thick 1st class brick nogged wall in cement mortar including racking out joints and curing complete a direction in superstructure above plinth up to 1st floor level.(a) In proportion 1:4	SQM	47.53			
10	Providing and laying ceramics floor tiles (SOMANY MAKE) in diiference floor of approved make (sonamy) over 15mm thick cement mortar in prop 1:3 and finishing the flushing pointing with white cement and matching pigment of approved colour etc complete as per direction. size 605mmx 605mm.	SQM	118.11			
11	Providing and laying ceramics wall tiles (Orient) in diiferent wall of approved make (Orient) over 15mm thick cement mortar in prop 1:3 and finishing the flushing pointing with white cement and matching pigment of approved colour etc complete as per direction. SIZE 200mmx 300mm.	SQM	28.56			
12	CEMENT PLASTERING WORK::providing 20 mm thick cement palstering work finished with flaoting with neat cement slurry etc comp-lete incl;uding curing up to 1st floor levels etc complete as per direction (b) In cement mortar 1:4	SQM	95.06			
13	Providing,fitting and fixing anodised aluminium partition wall of standard section joints mitred and welded (manufacture to relevent specification) and providing and fitting angl ecleat,rubber gasket,bolting device,screws etc all levl.(i)Partly with 6mm thick glass panes and partly with 12mm thick prelaminated board .(Bhotan Nepal Board)including providing handle in door of cabin made with glass and B. Board,hinges etc complete as directed.	SQM	29.64			
14	<b>WOOD WORK:</b> Providing DRESSED WOOD WORK IN door/windows and other similar works wrought,framed and fixed in position in contact with CC or brick masonry wall including supplying ,fitting and fixing with MS hold fast (40mmx3mmx250mm) as er design embedded in cement concrete in prop 1:2:4 and with two coats of kircide oiling to the timber etc complete as per direction. ( b) With 1st class timber.	Cum	0.32			
Total of Page 2/ Rs.						



**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**  
(Council of Scientific and Industrial Research)

**SCHEDULE OF QUANTITES.**

Name of Work : Renovation & Re-arrangement of Civil Engineering Section at NEIST ,Jorhat {Page -3/5}

SL	Description of item	Unit	Qty	Rate in Figure	Rate in Word	Amount
15	Providing and fixing <b>fully glazed windows/ventilator with sash or without sash bars</b> including oxidised M.S. Butt hinges (75mmx60mmx3.15mm) 2 nos with necessary screws ,handle ,hinges etc complete as per directions. <b>C(ii) 30 mm thick</b>	SQM	4.48			
16	Providing and fixing flush door shutters solid core construction with frame of 1st class hard wood with cross bands and face veneered ply wood face pannel conforming to relevant IS code including oxidised iron butt hinges (100mmx75mmx3.5mm)6nos with necessary screws. <b>(b) Non decorative type and block board core 25 mm thick.</b>	SQM	10.91			
17	Removing white or colour washes by steel brush ,scrapping ,sand papering including filling up voids by P.O.P. and preparation of surface smooth including necessary repairs to scratches complete. .	SQM	404.15			
18	Providing two coats of J.K. wall putty (white cement based) on wall and ceiling after removing of the loosely adhering materials with the help of emery paper, putty blade etc making the wall even and smooth with sand papering and cleaning the surfaces etc complete as directed.	SQM	404.15			
19	INTERIOR Wall pinting (two Coat) with plastic emulsion paint of approved brand and manufacturer ( Narolac on wals/oldwalls after thoroughly brooming the surfaces to remove all dirt ,dust,mortar drops and other mattersand making the surfaces smooth etc complete as per direction..(a) Plastic emulsion pain	SQM	404.15			
20	Painting two coats on wood surfaces and wood based surfaces with ready mixed synthetic enamel paint of approved brand and manufacturer after thoroughly brooming the surfaces to remove all dirt ,dust,mortar drops and other mattersand making the surfaces smooth etc complete as per direction(b) High gloss (ASSIAN / BERGER /ICI Paint/ J&K paint etc)	SQM	78.86			
21	<b>INDIAN TYPE WATER CLOSET:</b> Providing fittingh and fixing vitreous Indian type water closet sqauting pan (Orrisa pattern) of size 580mmx440mm with 100mm SCI P or S trap ,10 litrs low level PVC flushing cistern of matching colour with manually controlled device of parryware/hindware make with all fittings and fixtures complete including making the wall/floor good wherever necessary et complete as [per direction.(a) White	Each	1.00			
Total of Page 3/ Rs.						



**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**  
(Council of Scientific and Industrial Research)

**SCHEDULE OF QUANTITES.**

Name of Work : Renovation & Re-arrangement of Civil Engineering Section at NEIST, Jorhat {Page -4/5}

SL	Description of item	Unit	Qty	Rate in Figure	Rate in Word	Amount
22	<b>WASH BASIN:</b> Providing fittingh and fixing vitreouschina wash basin of size 550mmx400mm of parryware/hindware or eqv. With MS/CI brackets ,32 mm CP brass waste coupling of standard pattern ,CP brass chain with plug ,PVC waste pipe complete including making the wall/floor good wherever necessary et complete as [per direction. (a) White	Each	2.00			
23	Providing fitting and fixing 15 mm dia piller cock of SONA make etc complete as per direction.	Each	2.00			
24	Providing fitting and fixing 15 mm dia Bibcock of SONA make etc complete as per direction.	Each	4.00			
25	Providing fitting and fixing 15 mm dia stop cock of SONA make etc complete as per direction.	Each	10.00			
26	<b>DOOR /WINDOWS FITTINGS:</b> Supplying ,fitting,fixing anodised alluminium fittings of approved make resoanbly smooth ,free from sharp edges,comersand other defects with counter sunk holes for screws including necessary screws etc complete as per direction.(a) Sliding Door Bolt ( 250mmx16mm)	Each	10.00			
	(b) Tower Bolts ( 200mmx12mm)	Each	10.00			
	(C) Door Handle (i) 100mm	Each	10.00			
	(e)Anodised Butt hinges (i) 100mmx75mmx4mm	Each	20.00			
27	Supplying fitting and fixing G.I. pipes of approved make (ISI marked medium) with fittings such as tee,albow,socket,bend,plug etc complete as per directions.Consealed by cheseling or by other means.(d) 20mm dia pipe	RM	32.00			
	<b>(f) 15mm dia pipe</b>	RM	25.00			
Total of Page 1/ Rs.						



**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**  
**(Council of Scientific and Industrial Research)**

**SCHEDULE OF QUANTITES.**

Name of Work : Renovation & Re-arrangement of Civil Engineering Section at NEIST, Jorhat {Page -5/5}

SL	Description of item	Unit	Qty	Rate in Figure	Rate in Word	Amount
28	Supplying ,fitting and placing in position precast ferrocement septic tank of cylindrical in shape ion to pit with man hole cover with cleaning arrangement over single brick flat soling and 75 mm thick 1:3:6 PCC baffle wall,inlet and outlet etc are provided at suitable points complete as directed. (iv)25 users	Each	1.00			
29	Supplying fitting and fixing PVC. pipes of approved make (ISI marked 6kg/sqm cm ) with fittings such as tee,albow,socket,bend,plug etc complete as per directions.and excavation of earth as per requirement etc complete as directed.(a) ( ii)110mm dia	RM	15.00			
	(iv)75 mm dia	RM	21.00			
30	Supplying fitting and fixing PVC".Y" of approved make (ISI marked ) including necessary arrangement for coonection as per requirement etc complete as directed.(ii)75mm dia	Each	3.00			
31	Providing fitting and fixing anodised alluminium Door of standard sections ,joints ,mitred and providing and fitting angle cleat,rubber,gasket,bolting device screws etc at all levels (i) 6mm clear glass sheet	SQM	3.75			
Grant total (page 1 to 5)RS.						

(Rupees.....)

- NB
- 1.Rates should be quoted both in figure and word.
  - 2.Work will be executed as per CPWD's Norms.

# Name of Work

Renovation A.O' Room ,connecting lobby of Main & Library, Director's Secretariat  
( Side rm) at NEIST, Jorhat

## CONTENTS

Sl. No.	DESCRIPTION	Pages
1	Contents	1
2	Notice Inviting Tenders	
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4	Schedule of quantities & summary sheet	
5	(A) Condition of Contract for works	
	i) In English	

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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.

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TENDER ISSUED TO : M/s .....

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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

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

For issue of tender papers, proof of their Registration, Experience, Sales Tax Certificate and Capability to the full satisfaction of the officer issuing the tenders.

The tender paper can also be downloaded from NEIST website <http://www.neist.res.in>. The interested parties full filling the above points may download the tender documents and the parties are advised to enclose a separate demand draft / pay order as tender paper cost as mentioned below payable to 'The Director, North East Institute of Science and Technology, Jorhat-785006'.

Sl. No	Name of Work	Estimated Cost in Rs.	Earnest money	Cost of Tender	Time of Completion	Date of issue	Date of submission
1.	Renovation A.O' Room ,connecting lobby of Main & Library, Director's Secretariat ( Side rm) at NEIST, Jorhat	Rs.2,52,475/-	Rs.5,100/-	Rs.500/-	60 days	From 22.06.2011 to 01.07.2011	05.07.2011

- The tenderers are required to produce proof of fulfilling these conditions along with latest registration, experiences, sale taxes certificate / Income Tax Clearance Certificate and capability while making request for issue of tender documents.
- Complete Contract documents to be complied with by the tenderer whose tender may be accepted can be seen at the office of Section Officer(Works) of Administrative Building(G.F.), NEIST, Jorhat before issuing tender paper.
- Tenders should be on the specified form. (Non-transferable) which may be obtained from the Office of Section Officer(Works) Section during office hours on payment as mentioned above-in cash (non-refundable). Sale of tenders shall be stopped two days before the date of opening of tenders. (Issue of tender paper from 22.06.2011 to 01.07.2011).
- 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 3.00 P.M on 05.07.2011 and will be opened at 3.30. P.M on the same day in the office of COA/AO, North East Institute of Science & Technology, Jorhat,. Tenders should be dropped in the tender before the closing date and time indicated. In case these are sent by post there should be sent by Regd. post, speed post addressed to COA/AO, Director, North East Institute of Science & Technology, Jorhat Tenderers are to ensure that the post the tender well in advance so as to reach before the closing time and date indicated.
- The Earnest money amounting to amount mentioned above as demand draft or pay order of a schedule bank and drawn in favour of 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 to himself the right of accepting the whole or any part of the tender.
- Canvassing in connection with the tenders is prohibited and the tenders submitted by contractor who resort to canvassing are liable for rejection.
- The tenderer shall not be permitted to tender for works in the concerned unit of CSIR in which a relative 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 who 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 daughters husband, Brother (including step brother), wife, Sister (including step sister). Sister's husband.

8. 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.
9. 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.
10. 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.
11. 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.
12. Earnest money will be forfeited if the contractor fails to commence the work as per letter of award.
13. 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.
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  - (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@1 0% 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 Security within the period prescribed for commencement of work in the letter of ward 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.

15. 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	CONTRACTOR'S SUPPLY				
2. Steel					

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

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

#### IV 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
- (xi) 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.

(ix) 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.

(x) 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.

17. 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.

18. 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.

### V.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 rain snowfall, 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.





**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**  
**(Council of Scientific and Industrial Research)**

**SCHEDULE OF QUANTITIES.**

Name of Work : Renovation A.O' Room ,connecting lobby of Main & Library, Director's Secretariat (Side rm) at NEIST,Jorhat

SL	Description of item	Unit	Qty	Rate in Figure	Rate in Word	Amount
1	Dismantling of existing steel windows/steel ventilators/steel windows without causing any damages the walls,removing to a safe place and necessary repairs to the edges of wall.i/c stacking the materials as directed by the department for all levels.	SQM	40.80			
2	<b>GRANITE FLOORING:</b> 20 mm thick polished granite slab of approved quality ,size and shape and over 10mm thick cement mortar bed in prop.1:3 including cutting where necessary ,finished with matching pigment to match shade of slab ,complete at all levels as specified and directed. (Both exterior and interior wall) <b>(ii) Granite slab -black,</b>	SQM	2.21			
3	Providing ,fitting and fixing anodised aluminium sliding windows of standard section without horizontal glazing bars,joints,mitred (manufactured to relevant IS specification) and providing and fixing handles,angle cleat,robber gasket ,bltting device ,screws etc complete as specified and directed for all levels.(a) 2 track (iv )track will three for window and two for ventilator with 5 mm glass	SQM	11.14			
4	Providing and laying ceramics floor tiles (SOMANY MAKE) in difference floor of approved make (sonamy) over 15mm thick cement mortar in prop 1:3 and finishing the flushing pointing with white cement and matching pigment of approved colour etc complete as per direction. size 605mmx 605mm.	SQM	114.32			
Total of Page 1/2 Rs.						



**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**  
**(Council of Scientific and Industrial Research)**

**SCHEDULE OF QUANTITES.**

Name of Work : Renovation A.O' Room ,connecting lobby of Main & Library, Director's Secretariat (Side rm) at NEIST,Jorhat

SL	Description of item	Unit	Qty	Rate in Figure	Rate in Word	Amount
5	Providing two coats of J.K. wall putty (white cement based) on wall and ceiling after removing of the loosely adhering materials with the help of emery paper, putty blade etc making the wall even and smooth with sand papering and cleaning the surfaces etc complete as directed.	SQM	461.00			
6	INTERIOR Wall painting (two Coat) with plastic emulsion paint of approved brand and manufacturer ( Narolac on wals/oldwalls after thoroughly brooming the surfaces to remove all dirt ,dust,mortar drops and other mattersand making the surfaces smooth etc complete as per direction..(a) Acrylic Plastic emulsion paint.	SQM	472.77			
7	CEMENT PLASTERING WORK::providing 15 mm thick cement palstering work finished with floating with neat cement slurry etc comp-lete incl;uding curing up to 1st floor levels etc complete as per direction (a) In cement mortar 1:3	SQM	12.69			
8	<b>DOOR /WINDOWS FITTINGS:</b> Supplying ,fitting,fixing anodised alluminium fittings of approved make resoanbly smooth ,free from sharp edges,comersand other defects with counter sunk holes for screws including necessary screws etc complete as per direction.(a)Hydraulic Door closure	Each	2.00			
9	Providing fitting and fixing anodised alluminium Door of standard sections ,joints ,mitred and providing and fitting angle cleat,rubber,gasket,bolting device screws etc at all levels (i) 6mm clear glass sheet	SQM	5.62			
10	Demolishing cc FLOORING/tiles flooring/masic flooring OF VARIOUS THICKNESS including top layers and base course and including disposal of rubbishes as directed by all levels.	SQM	112.84			
Grant total (page 1 to 2)RS.						

(Rupees.....)

NB

**1.Rates should be quoted both in figure and word.**

**2.Work will be executed as per CPWD's Norms.**

# Name of Work

Renovation of Room No. E-22 to E-24 in Applied Civil Engineering Division,  
NEIST, Jorhat.

## CONTENTS

Sl. No.	DESCRIPTION	Pages
1	Contents	1
2	Notice Inviting Tenders	
3	Abstract of cost	
4	Schedule of quantities & summary sheet	
5	(A) Condition of Contract for works	
	i) In English	

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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.

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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

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

For issue of tender papers, proof of their Registration, Experience, Sales Tax Certificate and Capability to the full satisfaction of the officer issuing the tenders.

The tender paper can also be downloaded from NEIST website <http://www.neist.res.in>. The interested parties full filling the above points may download the tender documents and the parties are advised to enclose a separate demand draft / pay order as tender paper cost as mentioned below payable to 'The Director, North East Institute of Science and Technology, Jorhat-785006'.

Sl. No	Name of Work	Estimated Cost in Rs.	Earnest money	Cost of Tender	Time of Completion	Date of issue	Date of submission
1.	Renovation of Room No. E-22 to E-24 in Applied Civil Engineering Division, NEIST, Jorhat	Rs.7,15,082/-	Rs.14,500/-	Rs.1000/-	120 days	From 22.06.2011 to 01.07.2011	05.07.2011

1. The tenderers are required to produce proof of fulfilling these conditions along with latest registration, experiences, sale taxes certificate / Income Tax Clearance Certificate and capability while making request for issue of tender documents.
2. Complete Contract documents to be complied with by the tenderer whose tender may be accepted can be seen at the office of Section Officer(Works) of Administrative Building(G.F.), NEIST, Jorhat before issuing tender paper.
3. Tenders should be on the specified form. (Non-transferable) which may be obtained from the Office of Section Officer(Works) Section during office hours on payment as mentioned above-in cash (non-refundable). Sale of tenders shall be stopped two days before the date of opening of tenders. (Issue of tender paper from 22.06.2011 to 01.07.2011).
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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 daughters husband, Brother (including step brother), wife, Sister (including step sister). Sister's husband.

8. 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.
9. 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.
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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		CONTRACTOR'S SUPPLY			
2. Steel					

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

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1. These special condition are meant to amplify the general specifications and general conditions of contract.
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Incase of any discrepancy the order of precedence in interpretation shall be as under.

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- (ix) International Codes
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### 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.

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(xi) 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.

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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.





**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**  
(Council of Scientific and Industrial Research)

**SCHEDULE OF QUANTITIES.**

Name of Work : Renovation of Room No. E-22 to E-24 in Applied Civil Engineering Division,NEIST,Jorhat

SL	Description of item	Unit	Qty	Rate in Figure	Rate in Word	Amount
1	Dismantling of existing steel windows/steel ventilators/steel windows without causing any damages the walls,removing to a safe place and necessary repairs to the edges of wall.i/c stacking the materials as directed by the department for all levels.	SQM	60.68			
2	Demolishing the plastering from walls /RCC members and PCC members/surfaces without causing any damages to the wall/members upto any height including disposal of rubbishes as directed by all levels.	CUM	7.46			
3	Providing and laying plain /reinforced cement concrete works in prop 1:2:4 (1cement : 2sand:4 aggregates 20mm down size)including dewatering if necessary and curing complete but excluding the cost of sform work and reinforcement . Etc complete as per direction. (b)(l) In Superstructure from P.L. up to 1st floor level	CUM	8.68			
4	<b>REINFORCEMENT</b> :Supplying ,fitting and fixing in position reinforcement bars conforming to relevant I.S. code for RCC work/R.B. walling including straightening ,cleaning,cutting and bending to proper shape and length as per details,supplying and binding with 20G annealed black wire and palcing in position etc complete as per direction.	Qtl	1.56			
5	<b>SHUTTERING,FORM WORK</b> :Providing form work of ordinary timber planking sa as to give rough finish including centring ,shuttering ,strutting and propping and centring below supporting floor to ceiling not excluding 4.0m and removal of the same for cast in situ reinforced concrete and pain cement concrete work.(ii) Using 25mm thick plank.	SQM	44.93			
6	<b>GRANITE FLOORING</b> :20 mm thick polished granite slab of approved quality ,size and shape and over 10mm thick cement mortar bed in prop.1:3 including cutting where necessary ,finished with matching pigment to match shade of slab ,complete at all levels as specoified and directed. (Both exterior and interior wall) <b>(A)Granite slab -black,</b>	SQM	22.59			
Total of Page 1/3 Rs.						



**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**  
**(Council of Scientific and Industrial Research)**

**SCHEDULE OF QUANTITIES.**

Name of Work : Renovation of Room No. E-22 to E-24 in Applied Civil Engineering Division,NEIST,Jorhat

SL	Description of item	Unit	Qty	Rate in Figure	Rate in Word	Amount
7	DOOR /WINDOWS FITTINGS:Supplying ,fitting,fixing anodised alluminium fittings of approved make resonably smooth ,free from sharp edges,comersand other defects with counter sunk holes for screws including necessary screws etc complete as per direction.(m)(iii) Door closer	Each	10.00			
8	Providing,fitting and fixing anodised aluminium openalbe/sliding windows of standard section without horizontal glazing bars,joints,mitred (manufactured to relevent IS specification) and providing and fixing handles,angle cleat,robber gasket ,blting device,locking arrangement ,screws etc complete as specified and directed for all levels.(i) Double track etc with5 mm glass	SQM	67.23			
9	Providing,fitting and fixing anodised aluminium partition wall of standard section joints mitred and welded (manufacture to relevent specification) and providing and fitting angl ecleat,rubber gasket,bolting device,screws etc all levls.(i)Partly with 6mm thick glass panes and partly with 12mm thick prelaminated board .(Bhotan Nepal Board)including providing handle in door of cabin made with glass and B. Board,hinges etc complete as directed.	SQM	30.90			
10	<b>BRICK WORK</b> in cement mortar with 1st class brick including racking out joints and dewatering if necessary and joints complete as directed in sub structure above plinth level.(a) In proportion 1:3	CUM	1.68			
11	Providing and laying ceramics floor tiles (SOMANY MAKE) in diiference floor of approved make (sonamy) over 15mm thick cement mortar in prop 1:3 and finishing the flushing pointing with white cement and matching pigment of approved colour etc complete as per direction. SIZE 605mmx 605mm.	SQM	293.40			
12	CEMENT PLASTERING WORK::providing 20 mm thick cement palstering work finished with flloating with neat cement slurry etc comp-lete incl;uding curing up to 1st floor levels etc complete as per direction (b) In cement mortar 1:4	SQM	7.20			
13	<b>Laboratory SINK:</b> Providing fitting and fixing vitreous china sink of size 600mmx400mmx200mm of barryware/hindware or eqv. With MS/CI brackets ,32 mm CP brass waste coupling of standard pattern CP brass chain with plug ,PVC waste pipe complete including making the wall/floor good wherever necessary etc complete as [per direction.	Each	2.00			
Total of Page 2/3 Rs.						



**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**  
**(Council of Scientific and Industrial Research)**

**SCHEDULE OF QUANTITIES.**

Name of Work : Renovation of Room No. E-22 to E-24 in Applied Civil Engineering Division,NEIST,Jorhat						
SL	Description of item	Unit	Qty	Rate in Figure	Rate in Word	Amount
14	Removing white or colour washes by steel brush ,scrapping ,sand papering including filling up voids by P.O.P. and preparation of surface smooth including necessary repairs to scratches complete. .	SQM	834.78			
15	Providing two coats of J.K. wall putty (white cement based) on wall and ceiling after removing of the loosely adhering materials with the help of emery paper, putty blade etc making the wall even and smooth with sand papering and cleaning the surfaces etc complete as directed.	SQM	834.78			
16	INTERIOR Wall painting (two Coat) with plastic emulsion paint of approved brand and manufacturer ( Narolac on wals/oldwalls after thoroughly brooming the surfaces to remove all dirt ,dust,mortar drops and other mattersand making the surfaces smooth etc complete as per direction..(a) Plastic emulsion paint.	SQM	610.14			
17	Painting two coats on wood surfaces and wood based surfaces with ready mixed synthetic enamel paint of approved brand and manufacturer after thoroughly brooming the surfaces to remove all dirt ,dust,mortar drops and other mattersand making the surfaces smooth etc complete as per direction(b) High gloss (ASSIAN / BERGER /ICI Paint/ J&K paint etc)	SQM	36.12			
Grant total (page 1 to 3)RS.						

(Rupees.....)

NB

- 1.Rates should be quoted both in figure and word.
- 2.Work will be executed as per CPWD's Norms.

# Name of Work

Construction of 4 Nos Security Tower at NEIST-Jorhat.

## CONTENTS

Sl. No.	DESCRIPTION	Pages
1	Contents	1
2	Notice Inviting Tenders	
3	Abstract of cost	
4	Schedule of quantities & summary sheet	
5	(A) Condition of Contract for works	
	i) In English	

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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.

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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

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

For issue of tender papers, proof of their Registration, Experience, Sales Tax Certificate and Capability to the full satisfaction of the officer issuing the tenders.

The tender paper can also be downloaded from NEIST website <http://www.neist.res.in>. The interested parties full filling the above points may download the tender documents and the parties are advised to enclose a separate demand draft / pay order as tender paper cost as mentioned below payable to 'The Director, North East Institute of Science and Technology, Jorhat-785006'.

Sl. No	Name of Work	Estimated Cost in Rs.	Earnest money	Cost of Tender	Time of Completion	Date of issue	Date of submission
1.	Construction of 4 Nos Security Tower at NEIST- Jorhat.	Rs.3,00,497/-	Rs.6,100/-	Rs.500/-	100 days	From 22.06.2011 to 01.07.2011	05.07.2011

1. The tenderers are required to produce proof of fulfilling these conditions along with latest registration, experiences, sale taxes certificate / Income Tax Clearance Certificate and capability while making request for issue of tender documents.
2. Complete Contract documents to be complied with by the tenderer whose tender may be accepted can be seen at the office of Section Officer(Works) of Administrative Building(G.F.), NEIST, Jorhat before issuing tender paper.
3. Tenders should be on the specified form. (Non-transferable) which may be obtained from the Office of Section Officer(Works) Section during office hours on payment as mentioned above-in cash (non-refundable). Sale of tenders shall be stopped two days before the date of opening of tenders. (Issue of tender paper from 22.06.2011 to 01.07.2011).
4. 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 3.00 P.M on 05.07.2011 and will be opened at 3.30. P.M on the same day in the office of COA/AO, North East Institute of Science & Technology, Jorhat,. Tenders should be dropped in the tender before the closing date and time indicated. In case these are sent by post there should be sent by Regd. post, speed post addressed to COA/AO, Director, North East Institute of Science & Technology, Jorhat Tenderers are to ensure that the post the tender well in advance so as to reach before the closing time and date indicated.
5. The Earnest money amounting to amount mentioned above as demand draft or pay order of a schedule bank and drawn in favour of 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 to himself the right of accepting the whole or any part of the tender.
6. Canvassing in connection with the tenders is prohibited and the tenders submitted by contractor who resort to canvassing are liable for rejection.
7. The tenderer shall not be permitted to tender for works in the concerned unit of CSIR in which a relative 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 who 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 daughters husband, Brother (including step brother), wife, Sister (including step sister). Sister's husband.

8. 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.
9. 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.
10. 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.
11. 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.
12. Earnest money will be forfeited if the contractor fails to commence the work as per letter of award.
13. 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.
14. 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@1 0% 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 Security within the period prescribed for commencement of work in the letter of ward 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.

15. 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	CONTRACTOR'S SUPPLY				
2. Steel					

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

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

#### IV 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
- (xiii) 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.

(xiii) 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.

(xiv) 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.

17. 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.

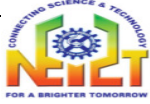
18. The surplus excavated earth which is beyond the requirement of the Employer's work may be allowed by the Employer to be disposed off by the contractor on his own or sell the surplus excavated earth to private parties at his discretion but nothing extra will be paid for the carriage or disposal of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

### V.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 rain snowfall, 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.





**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**

(Council of Scientific and Industrial Research)

**SCHEDULE OF QUANTITIES.**

**Name of Work : Construction of 4 Nos Security Tower at NEIST-Jorhat.**

SL	Description of Item	Unit	Qty	Rate in Figure	Rate in Word	Amount
1	Earth work in excavation for foundation trenches of septic tank including refilling (return soil) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming and removal of surplus earth with all lead and lift as directed and specified in the following classification of soil where necessary as directed and specified. (A) upto a depth of 2.00m below the existing G.L. (a) Ordinary soil.	cum	0.96			
2	Plain cement concrete works with coarse aggregates of sizes 13mm to 32mm in foundation bed, footing, steps, walls, brick work etc as directed and specified including deawtering if necessary, and curing complete as per direction. I/C SHUTTERING WHERE NECESSARY In prop. 1:3:6 (1cement:3 sand:6 aggregates).	cum	0.19			
3	<b>REINFORCEMENT</b> :Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. code for RCC work/R.B. walling including straightening, cleaning, cutting and bending to proper shape and length as per details, supplying and binding with 20G annealed black wire and palcing in position etc complete as per direction.	Qtl	4.17			
4	Providing and laying plain /reinforced cement concrete works in prop 1:2:4 (1cement : 2sand:4 aggregates 20mm down size) including dewatering if necessary and curing complete but including the cost of form work and reinforcement. Etc complete as per direction.	cum	3.04			
5	SHUTTERING, FORM WORK :Providing form work of ordinary timber planking sa as to give rough finish including centring, shuttering, strutting and propping and centring below supporting floor to ceiling not excluding 4.0m and removal of the same for cast in situ reinforced concrete and plain cement concrete work. (ii) Using 25mm thick plank.	SQM	47.60			
6	112 mm thick 1st class brick nogged wall in cement mortar including racking out joints and curing complete as per direction in superstructure above plinth up to 1st floor level. (a) In proportion 1:4	SQM	7.92			
7	CEMENT PLASTERING WORK::providing 20 mm thick cement palstering work finished with floating with neat cement slurry etc comp-lete incl;uding curing up to 1st floor levels etc complete as per direction. (a) In proportion 1:3	Sqm	15.84			
<b>Total of page 1/2 Rs.</b>						



**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**

**(Council of Scientific and Industrial Research)**

**SCHEDULE OF QUANTITIES.**

**Name of Work : Construction of 4 Nos Security Tower at NEIST-Jorhat.**

SL	Description of Item	Unit	Qty	Rate in Figure	Rate in Word	Amount
8	Providing fitting histing and fixing of purlins fabricated out of MS black tubes conforming to relevant to IS code as per approved design and drawing including providing MS cleats , , bolts and nuts and one coat of red oxide zinc chromate primer and two coats apporved enamel paints complete including fitting necessary cleats etc for fixing ceiling joists as per design and drawing as directed.	Qtl	1.90			
9	Providing trapizoidal polycoated galvanised roofing sheet (DYNA MAKE or equiv.)at all levels including fitting and fixing with self drilling and self tapping including ridges etc complete as per direction.	SQM	12.36			
10	Providing barge board of size 200mm x 20 mm with 1st class local wood including fitting fixing with nece4ssary screws etc complete.	RM	8.24			
11	<b>EXTERRIOR WALLI painting (two Coat) with plastic emulsion paint</b> of approved brand and manufacturer ( UNICEM "RAKSHAK' /Narolac /BERGER / ASSIAN PAINT) on new wals/oldwalls after thoroughly brooming the surfaces to remove all dirt ,dust,mortar drops and other mattersand making the surfaces smooth etc complete as per direction..(a) Plastic emulsion paint.	SQM	21.44			
12	Painting two coats on steel surfaces and other metal surfaces with ready mixed synthetic enamel paint of approved brand and manufacturer after thoroughly brooming the surfaces to remove all dirt ,dust,mortar drops and other mattersand making the surfaces smooth etc complete as per direction(b) High gloss (ASSIAN / BERGER /ICI Paint/ J&K paint etc)	SQM	4.32			
<b>(A.)Grant total of one Security Tower (page 1 to 2)RS.</b>						
<b>For 4 nos Security tower Rs.{ 4x A }Rs.</b>						

(Rupee.....)

NB **1.Rates should be quoted both in figure and word.**

**2.Work will be executed as per CPWD's Norms.**

# Name of Work

## Renovation and Modification of the NEIST Creche.

### CONTENTS

Sl. No.	DESCRIPTION	Pages
1	Contents	1
2	Notice Inviting Tenders	
3	Abstract of cost	
4	Schedule of quantities & summary sheet	
5	(A) Condition of Contract for works	
	i) In English	

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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.

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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

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

For issue of tender papers, proof of their Registration, Experience, Sales Tax Certificate and Capability to the full satisfaction of the officer issuing the tenders.

The tender paper can also be downloaded from NEIST website <http://www.neist.res.in>. The interested parties full filling the above points may download the tender documents and the parties are advised to enclose a separate demand draft / pay order as tender paper cost as mentioned below payable to 'The Director, North East Institute of Science and Technology, Jorhat-785006'.

Sl. No	Name of Work	Estimated Cost in Rs.	Earnest money	Cost of Tender	Time of Completion	Date of issue	Date of submission
1.	Renovation and Modification of the NEIST Creche.	Rs.7,82,220/-	Rs.16,000/-	Rs.1000/-	100 days	From 22.06.2011 to 01.07.2011	05.07.2011

1. The tenderers are required to produce proof of fulfilling these conditions along with latest registration, experiences, sale taxes certificate / Income Tax Clearance Certificate and capability while making request for issue of tender documents.
2. Complete Contract documents to be complied with by the tenderer whose tender may be accepted can be seen at the office of Section Officer(Works) of Administrative Building(G.F.), NEIST, Jorhat before issuing tender paper.
3. Tenders should be on the specified form. (Non-transferable) which may be obtained from the Office of Section Officer(Works) Section during office hours on payment as mentioned above-in cash (non-refundable). Sale of tenders shall be stopped two days before the date of opening of tenders. (Issue of tender paper from 22.06.2011 to 01.07.2011).
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5. The Earnest money amounting to amount mentioned above as demand draft or pay order of a schedule bank and drawn in favour of 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 to himself the right of accepting the whole or any part of the tender.
6. Canvassing in connection with the tenders is prohibited and the tenders submitted by contractor who resort to canvassing are liable for rejection.
7. The tenderer shall not be permitted to tender for works in the concerned unit of CSIR in which a relative 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 who 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 daughters husband, Brother (including step brother), wife, Sister (including step sister). Sister's husband.

8. 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.
9. 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.
10. 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.
11. 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.
12. Earnest money will be forfeited if the contractor fails to commence the work as per letter of award.
13. 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.
14. 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@1 0% 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 Security within the period prescribed for commencement of work in the letter of ward 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.

15. 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.

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

#### IV 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
- (xiv) 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.

(xv) 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.

(xvi) 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.

17. 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.

18. 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.

### V.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 rain snowfall, 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.



**NAME OF WORK : Renovation and Modification of the NEIST Creche**

Sl. No	Description of Item	Unit	Qty	Rate in Figure	Rate in Words	Amount
1 (i)	Dismantling and removing the existing door and window frame (chowkath) both wooden and steel of different sizes without damaging the wallss and removing the frame and necessary repairs to the edges of the walls as directed for all levels. Area of door / window up to 3.00 sqm	each	22.00			
(ii)	Area of door / window above 3.00 sqm	each	5.00			
2	Providing and laying plain/reinforced cement concrete works cement with coarse sand & 20mm down graded stone aggregate including dewatering if necessary and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work. M-15 or prop 1:2:4	cum	0.15			
3	Supplying fitting and fixing in position reinforcement bars conforming to relevant IS code for RCC work/ RB walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports, etc. complete. ISI approved - MS Rod	qtl	0.21			
4	Providing formwork of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4.0m and removal of the same for reinforced concrete and plain concrete work: Using 25mm thick plank	sqm	1.80			



**NAME OF WORK : Renovation and Modification of the NEIST Creche**

Sl. No	Description of Item	Unit	Qty	Rate in Figure	Rate in Words	Amount
5	15mm thick Cement Plaster in single coat on rough side of brick/ concrete walls for interior plastering up to 1st floor level including arises, internal rounded angles, chamfers and / or rounded angles not exceeding 80mm in girth and finished even and smooth including curing complete as directed. In cement mortar 1:3	sqm	380.61			
6	Providing Ceramic Tiles of approved quality, size, shape and thickness not less than 8mm on floors, skirtings, treads and risers of steps over cement mortar bed 15mm thick in prop. 1:3 (1 cement : 3 coarse sand) including cutting where necessary finished with flush pointing with Fix-A-Tile Choksey/ Sika/ Pedelite/ Rouf/ white cement slurry mixed with approved pigment to match the shade of tiles, complete at all levels as specified and directed. (Cement plastering to be measured and paid separately) (Coloured pigment should be in conformity with colour of slab and as approved and directed by the department) Delux range (sizes 600mmx600mm and above) SOMANY made	sqm	158.59			
7	Providing polished ceramic wall tiles of approved quality, size, shape and thickness not less than 8mm on walls and skirtings over cement mortar bed 10mm thick in proportion 1:3 (1 cement : 3 coarse sand) including cutting where necessary finished with flush pointing with Fix-A-Tile/ white cement slurry maixed with approved pigment to match shade of tiles complete at all levels as specified and directed (cement plastering to be measured and paid separately). (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department).(Walls means interior and exterior walls) Executive range (sizes 200mm x 300mm and above) SOMANY made [NB. The wall tile should contain designs or drawings like flowers, cartoons, fruits etc. with suitable colours. The design should be approved by the department before fixing]	sqm	164.15			



**NAME OF WORK : Renovation and Modification of the NEIST Creche**

Sl. No	Description of Item	Unit	Qty	Rate in Figure	Rate in Words	Amount
8	Providing polished granite slab of approved quality, size, shape and thickness not less than 18mm on floors, skirtings, treads, risers and kitchen slabs over cement mortar bed 15mm thick in prop. 1:3 (1 Cement : 3 coarse sand) including cutting where necessary finished with flush pointing with Fix-a-Tile Choksey/ Sika/ Pedelite/ Rouf) white cement slurry mixed with approved pigment to match the shade of granite slab, complete at all levels as specified and directed. (Cement plastering to measured and paid separately) (Coloured pigment should be in conformity with colour of slab and as approved and directed by the Department) Normal Quality. With white cement including nosing of the edges.	sqm	1.80			
9	112mm thick 1st class brick nogged wall in cement mortar including racking out joints and curing complete as directed in super structure above plinth level up to first floor level . In cement mortar in proportion 1:4 (1 cement : 4 sand)	sqm	26.42			
10	Earth/ sand filling in plinth in layers not more than 150mm thick including necessary carriage, watering, ramming etc. complete as directed and specified including payment of land compensation, forest royalty, sales tax and other duties and taxes as may be necessary. With silt (predominantly non plastic) by truck carriage including loading and unloading.	cum	16.82			



**NAME OF WORK : Renovation and Modification of the NEIST Creche**

Sl. No	Description of Item	Unit	Qty	Rate in Figure	Rate in Words	Amount
11	Providing polished GEMS CONCRETE tiles of approved quality, size, shape of specified thickness on pavers over a base of 100mm compacted sand gravel including cutting where necessary finished with flush pointing with Fix-A-Tile / white Cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed (cement plastering to be measured and paid separately) (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department) 60mm thick	sqm	56.07			
12	Providing, fitting and fixing PVC door frame of DPF-5060 make suitable for DPS-3720 made from extruded PVC multichamber hollow section having dimensions of 50mmx60mm (Tolerance + 1mm). Horizontal and vertical sections shall be joined by steel screws after inserting MS tubular rectangular galvanised L-shaped brackets of size 100mmx100mm or plastic brackets of size 75mmx75mm with metered cut at the corners. Hinge side of the frame shall be reinforced with MS Tubular section of size 40mmx20mm. The frame will be fixed to the column/ stiffner/ wall with the help of 3 Nos 75mm long and 4mm dia steel screws and expandable fasteners on each side of the door frame complete in all respects as specified and directed at all levels.	Rm	30.60			
13	Providing, fitting and fixing PVC door shutters of DPS 3720 make made from extruded PVC stiles and rails made from rigid PVC multicavity hollow chamber section of size 90mmx37mm (Tolerance + 1mm). The corners of the stiles and rails shall be metered out and fixed to each other with the help of solid plastic L-shaped brackets or MS rectangular tubular galvanised two nos. of size 200mmx100mm and 100mmx100mm at each corner by self tapping steel screws. PVC multicavity hollow section of size 105mmx37mm shall be fixed in the middle by aluminium cleat and steel screws as lock rail. The section frame shall then be filled with PVC panels of approved colour of size 100mmx20mm. Then two numbers of bright steel rods of 6mm diameter shall be inserted horizontally through stiles and panels with two numbers of check nuts and washers all complete as specified and directed at all levels including door fixtures	sqm	10.32			



**NAME OF WORK : Renovation and Modification of the NEIST Creche**

Sl. No	Description of Item	Unit	Qty	Rate in Figure	Rate in Words	Amount
14	Providing, fitting and fixing anodised aluminium ventilators of standard sections without horizontal glazing bars joints mitred and welded (manufactured to relevant IS specifications) fitted with 6mm x 3.15mm lugs 100mm long embedded in CC blocks 150mm x 100mm x 100mm in 1:3:6 mix including providing and fixing device, locking arrangement, spring catch as required complete as specified and directed for all levels. Top hung ventilators. 5mm frosted glass	sqm	2.83			
15	Providing, fitting and fixing anodised aluminium framed glazed doors with anodised frame made of 100mm x 45mm x 2.5mm section with door style of size 88mm x 45mm x 2.5mm, top rails 50mm x 45mm x 2mm lock rails 100mm x 45mm x 2mm and bottom rails 100mm x 45mm x 2.5mm fitted with glazing clip, special type rubber gasket complete including hydraulic floor spring, pivot, tower bolt in each leaf, aluminium door handle, lock, angles, cleat, etc. complete as specified and directed by the department at all levels. 6mm clear glass.	sqm	19.90			
16	Providing, fitting and fixing anodised aluminium sliding windows and ventilators of standard sections without horizontal glazing bars, joints mitred and welded (manufactured to relevant IS specifications) and providing and fixing handles, angle cleat, rubber gasket, roller, bolting device, locking arrangements, screws, etc. as required complete as specified and directed for all levels. 3 Track sliding window. 6mm coloured glass [Provision to be made for fixing AC]	sqm	22.43			
17	Providing, fitting and fixing fly-proof galvd MS wire gauge of IS designation 85 G with wire of dia. Of 0.56mm to windows and clerestory windows including aluminium beading	sqm	20.24			

**NAME OF WORK : Renovation and Modification of the NEIST Creche**

Sl. No	Description of Item	Unit	Qty	Rate in Figure	Rate in Words	Amount
18	Wall painting (two coats) with Plastic emulsion paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J&N paint/ Nerolac) on wall surface to give an even shade after thoroughly brushing the surfaces free from mortar droppings and other foreign matter and sand papered smooth. Plastic Emulsion Paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J&N paint/ Nerolac)	sqm	309.88			
19	Providing fitting and fixing vitreous water closet squatting pan (Indian Type W.C. Orissa pattern) of size 580 x 440 mm with 100 mm SCI 'P' or 'S' trap, 10 litre low level PVC flushing cistern with manually controlled device (handle lever) of Parryware/ Hindware make with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. Coloured	each	2.00			
20	Providing fitting and fixing white vitreous china pedestral type water closet (European Type W.C. pan 400mm high) of Parryware/ Hindware make with seat and lead, CP brass hinges and rubber buffers, 10 litre low level PVC flushing cistern with fittings, CI/ MS brackets, 40mm dia flush band with fittings including painting of fittings and brackets, required. White	each	2.00			
21	Providing vitreous china wash basin of size 550mm x 400mm of Parryware make with CI/MS brackets, 32mm CP brass waste coupling of standard pattern C.P. stopcock, CP brass chain with plug, PVC waste pipe including painting of fittings and brackets, cutting and making good the walls wherever required. Coloured vitreous china wash basin of size 550mm x 400mm	each	6.00			
22	Providing, fitting and fixing white vitreous china flat back type lipped front urinal basin of (455x360x267)mm of Parryware/ Cera make with automatic flushing cistern of similar colour and standard flush pipe and CP brass spreader with brass unions, etc. complete including painting of fittings and brackets, cutting and making good the walls & floors wherever required. Coloured <b>for range of 3 No. urinal basin</b> with 10ltr. Flushing Cistern.	each	1.00			

**NAME OF WORK : Renovation and Modification of the NEIST Creche**

Sl. No	Description of Item	Unit	Qty	Rate in Figure	Rate in Words	Amount
23	Providing fitting and fixing Mirror with Plastic frame of size 500 x 400mm complete as directed and specified	each	6.00			
24	Supplying, fitting and fixing C.P. bib cock 15mm dia of approved brand directed and specified. (GI & CP pipes will be measured separately) Agmeco brand. Bib cock with wall Flange CAT No. CC 00201/CAT No. CN 00201	each	8.00			
25	Supplying and fitting fixing CP pillar cock of 15mm dia of approved brand as specified and directed. Agmeco (classic) Flat	each	6.00			
26	Supplying fitting and fixing chrome plated (C.P) stop cock of approved brand and size as mentioned below as directed and specified (GI & CP pipes will be measured and paid separately)	each	13.00			
27	Supplying fitting and fixing GI pipes of following sizes, with all necessary 'R' brand or similar approved GI Fittings such as bend, tee, elbow, reducer, nipple, plug, long screw fitting, HW clamps etc. complete at all levels including below GL as directed and specified. Exposed or in trenches 15mm dia. Using Tata (medium)	Rm	36.00			
28	Renewing PVC waste pipe including removing the unserviceable materials, cutting and making good to the floors and walls where necessary.	each	9.00			
29	Providing, fitting and fixing soap dish of Agmeco make complete as specified and directed. Stainless Steel Dish Rectangular (Cat No. MS 0251, 0252, 0253 & 0254)	each	6.00			



**NAME OF WORK : Renovation and Modification of the NEIST Creche**

Sl. No	Description of Item	Unit	Qty	Rate in Figure	Rate in Words	Amount
30	Providing, fitting and fixing chrome plated (CP) towel rail of Agmeco make complete as specified and directed. Continental Accessories (600mm long)	each	2.00			
31	Providing fitting and fixing chrome plated (CP) toilet paper holder of Agmeco make complete as directed and specified	each	4.00			
	<b>TOTAL</b>					

N.B.

- 1 All work to be done as per CPWD specification
- 2 Rate must be quoted in figures and word also

# Name of Work

Providing new sewer in colony area from A22 to back of D20 through Assam B type quarter at NEIST-Jorhat.

## CONTENTS

Sl. No.	DESCRIPTION	Pages
1	Contents	1
2	Notice Inviting Tenders	
3	Abstract of cost	
4	Schedule of quantities & summary sheet	
5	(A) Condition of Contract for works	
	i) In English	

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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.

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TENDER ISSUED TO : M/s .....

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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

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

For issue of tender papers, proof of their Registration, Experience, Sales Tax Certificate and Capability to the full satisfaction of the officer issuing the tenders.

The tender paper can also be downloaded from NEIST website <http://www.neist.res.in>. The interested parties full filling the above points may download the tender documents and the parties are advised to enclose a separate demand draft / pay order as tender paper cost as mentioned below payable to 'The Director, North East Institute of Science and Technology, Jorhat-785006'.

Sl. No	Name of Work	Estimated Cost in Rs.	Earnest money	Cost of Tender	Time of Completion	Date of issue	Date of submission
1.	Providing new sewer in colony area from A22 to back of D20 through Assam B type quarter at NEIST-Jorhat.	Rs.10,75,863/-	Rs.22,000/-	Rs.1000/-	120 days	From 22.06.2011 to 01.07.2011	05.07.2011

- The tenderers are required to produce proof of fulfilling these conditions along with latest registration, experiences, sale taxes certificate / Income Tax Clearance Certificate and capability while making request for issue of tender documents.
- Complete Contract documents to be complied with by the tenderer whose tender may be accepted can be seen at the office of Section Officer(Works) of Administrative Building(G.F.), NEIST, Jorhat before issuing tender paper.
- Tenders should be on the specified form. (Non-transferable) which may be obtained from the Office of Section Officer(Works) Section during office hours on payment as mentioned above-in cash (non-refundable). Sale of tenders shall be stopped two days before the date of opening of tenders. (Issue of tender paper from 22.06.2011 to 01.07.2011).
- 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 3.00 P.M on 05.07.2011 and will be opened at 3.30. P.M on the same day in the office of COA/AO, North East Institute of Science & Technology, Jorhat,. Tenders should be dropped in the tender before the closing date and time indicated. In case these are sent by post there should be sent by Regd. post, speed post addressed to COA/AO, Director, North East Institute of Science & Technology, Jorhat Tenderers are to ensure that the post the tender well in advance so as to reach before the closing time and date indicated.
- The Earnest money amounting to amount mentioned above as demand draft or pay order of a schedule bank and drawn in favour of 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 to himself the right of accepting the whole or any part of the tender.
- Canvassing in connection with the tenders is prohibited and the tenders submitted by contractor who resort to canvassing are liable for rejection.
- The tenderer shall not be permitted to tender for works in the concerned unit of CSIR in which a relative 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 who 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 daughters husband, Brother (including step brother), wife, Sister (including step sister). Sister's husband.

8. 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.
9. 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.
10. 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.
11. 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.
12. Earnest money will be forfeited if the contractor fails to commence the work as per letter of award.
13. 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.
14. 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@1 0% 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 Security within the period prescribed for commencement of work in the letter of ward 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.

15. 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.

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

#### IV 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
- (xv) 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.

(xvii) 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.

(xviii) 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.

17. 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.

18. 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.

### V.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 rain snowfall, 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.





CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM

(Council of Scientific and Industrial Research)

**SCHEDULE OF QUANTITIES.**

**Name of Work : PROVIDING NEW SEWERS IN COLONY AREA,NEIST-JORHAT{FROM QTR NO.A-20 TO BACK OF D-20 THROUGH ASSAM B-TYPE QTR}**

SL	Description of Item	Unit	Qty	Rate in Figure	Rate in Word	Amount
1	Earth work in excavation for foundation trenches of septic tank including refilling (return soil) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming and removal of surplus earth with all lead and lift as directed and specified in the following classification of soil where necessary as directed and specified.(A) up to a depth of 2.00m below the existing G.L.(a) Ordinary soil.	cu m	133.31			
2	Providing brick soling in foundation and under floor with stones /picked jhamma brick ,sand pack and laid to level and paanel after preparation the subgarde as directed including all labour and materials and if necessary dewatering, complete.(a)Flate brick soling.	Sq m	50.40			
3	Plain cement concrete works with coarse aggregates of sizes 13mm to 32mm in foundation bed ,footing,steps,walls,brick work etc as directed and specified including dewatering if necessary, and curing complete as per direction. I/C SHUTTERING WHERE NECESSARY In prop.1:5:10(1cement:5 sand:10 aggregates).	cu m	44.44			
4	Supplying and laying of size 300mm dia RCC Hume pipe(NP-2) including collars jointed with stiff mixture of cement mortar 1:2 across the line including cutting the roads( if required, digging the trenches ,refilling the same after laying pipes ,ramming the soil etc as required including jointing the pipes with existing chambers where necessary.	R M	395.00			
5	Earth work in excavation for foundation trenches of septic tank including refilling (return soil) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming and removal of surplus earth with all lead and lift as directed and specified in the following classification of soil where necessary as directed and specified.(A) up to a depth of 2.00m below the existing G.L.(a) Ordinary soil.	cu m	50.40			



CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM

(Council of Scientific and Industrial Research)  
**SCHEDULE OF QUANTITES.**

Name of Work : PROVIDING NEW SEWERS IN COLONY AREA,NEIST-JORHAT{FROM QTR NO.A-20 TO BACK OF D-20 THROUGH ASSAM B-TYPE QTR}

SL	Description of Item	Unit	Qty	Rate in Figure	Rate in Word	Amount
6	Plain cement concrete works with coarse aggregates of sizes 13mm to 32mm in foundation bed ,footing,steps,walls,brick work etc as directed and specified including dewatering if necessary, and curing complete as per direction. I/C SHUTTERING WHERE NECESSARY In prop.1:3:6(1cement:3 sand:6 aggregates).	cum	5.04			
7	BRICK WORK in cement mortar with 1st class brick including racking out joints and dewatering if necessary and joints complete as directed in sub structure up to plinth level.(a) In proportion 1:3	CUM	27.60			
8	CEMENT PLASTERING WORK::providing 20 mm thick cement plastering work finished with floating with neat cement slurry etc complete including curing up to 1st floor levels etc complete as per direction. (a) In proportion 1:3	Sqm	79.38			
9	CEMENT CONCRETE FLOORING: 25 mm thick CEMENT CONCRETE flooring in prop.1:2:4 finished with a floating coat of neat cement slurry to be laid in panels including curing etc complete as per directions. Including making the slope and channel towards outlet point.	Sqm	17.15			
10	Providing and laying plain /reinforced cement concrete works in prop 1:2:4 (1cement: 2sand:4 aggregates20mm down size) including dewatering if necessary and curing complete but including the cost of form work and reinforcement. Etc complete as per direction. (a)slab	cum	5.08			
11	<b>REINFORCEMENT</b> :Labour rate for ,fitting and fixing in position reinforcement bars conforming to relevant I.S. code for RCC work/R.B. walling including straitening ,cleaning, cutting and bending to proper shape and length as per details, supplying and binding with 20G annealed black wire and placing in position etc complete as per direction.(Reinforcement will be supplied from department)	KG	2749.1 1			

(Rupees.....)

NB: 1.Rates should be quoted both in figure and word.

2. Work will be executed as per CPWD's specifications.

# Name of Work

Providing false ceiling in social activity center at NEIST-Jorhat.

## CONTENTS

Sl. No.	DESCRIPTION	Pages
1	Contents	1
2	Notice Inviting Tenders	
3	Abstract of cost	
4	Schedule of quantities & summary sheet	
5	(A) Condition of Contract for works	
	i) In English	

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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.

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TENDER ISSUED TO : M/s .....

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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

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

For issue of tender papers, proof of their Registration, Experience, Sales Tax Certificate and Capability to the full satisfaction of the officer issuing the tenders.

The tender paper can also be downloaded from NEIST website <http://www.neist.res.in>. The interested parties full filling the above points may download the tender documents and the parties are advised to enclose a separate demand draft / pay order as tender paper cost as mentioned below payable to 'The Director, North East Institute of Science and Technology, Jorhat-785006'.

Sl. No	Name of Work	Estimated Cost in Rs.	Earnest money	Cost of Tender	Time of Completion	Date of issue	Date of submission
1.	Providing false ceiling in social activity center at NEIST-Jorhat.	Rs.2,31,116/-	Rs.4,700/-	Rs.500./	45 days	From 22.06.2011 to 01.07.2011	05.07.2011

- The tenderers are required to produce proof of fulfilling these conditions along with latest registration, experiences, sale taxes certificate / Income Tax Clearance Certificate and capability while making request for issue of tender documents.
- Complete Contract documents to be complied with by the tenderer whose tender may be accepted can be seen at the office of Section Officer(Works) of Administrative Building(G.F.), NEIST, Jorhat before issuing tender paper.
- Tenders should be on the specified form. (Non-transferable) which may be obtained from the Office of Section Officer(Works) Section during office hours on payment as mentioned above-in cash (non-refundable). Sale of tenders shall be stopped two days before the date of opening of tenders. (Issue of tender paper from 22.06.2011 to 01.07.2011).
- 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 3.00 P.M on 05.07.2011 and will be opened at 3.30. P.M on the same day in the office of COA/AO, North East Institute of Science & Technology, Jorhat,. Tenders should be dropped in the tender before the closing date and time indicated. In case these are sent by post there should be sent by Regd. post, speed post addressed to COA/AO, Director, North East Institute of Science & Technology, Jorhat Tenderers are to ensure that the post the tender well in advance so as to reach before the closing time and date indicated.
- The Earnest money amounting to amount mentioned above as demand draft or pay order of a schedule bank and drawn in favour of 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 to himself the right of accepting the whole or any part of the tender.
- Canvassing in connection with the tenders is prohibited and the tenders submitted by contractor who resort to canvassing are liable for rejection.
- The tenderer shall not be permitted to tender for works in the concerned unit of CSIR in which a relative 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 who 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 daughters husband, Brother (including step brother), wife, Sister (including step sister). Sister's husband.

8. 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.
9. 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.
10. 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.
11. 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.
12. Earnest money will be forfeited if the contractor fails to commence the work as per letter of award.
13. 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.
14. 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@1 0% 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 Security within the period prescribed for commencement of work in the letter of ward 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.

15. 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.

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

#### IV 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
- (xvi) 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.

(xix) 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.

(xx) 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.

17. 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.

18. 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.

### V.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 rain snowfall, 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.





**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:JORHAT :ASSAM**

(Council of Scientific and Industrial Research)

**SCHEDULE OF QUANTITES.**

**Name of Work : PROVIDING False Ceiling in the central area of Social Activity Centre ,NEIST-Jorhat.**

<b>S L</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in Figure</b>	<b>Rate in Word</b>	<b>Amount</b>
1	Supplying fitting and fixing Armstrong mineral fiber suspended ceiling system fine fissured edges tiles wit Armstrong XL 24mm exposed grid. The tiles should have humidity resistance of 99%, NRC 0.55, light refraction>85% thermal conductivity 0.052-0.057 w/mk,inmodule size 600mmx600mmx16mm.The grid should have 24mm wide T section having rotary sticking on all T section ,i.e. the main runner 1200mmx600mm cross Tees with web height of 43,35,and 30mm(whichever is required) and a load capacity of 23.78 kg/sqm the T section have a Galvanized of 120gm/ sqm complete as directed and specified{ ceiling board size 600mmx600mmx9mmthick)(o) ArmgypFB ceiling board.	Sqm	92.00			
2	Providing ,fitting, fixing wire gauge shutter using galvanized M.S. wire of I.S. designation 85G with wire of dia 0.56mm for ventilators including oxidized MS hinges (if required) etc complete as directed.	Sqm	29.25			
3	Supplying fitting and fixing 1x55 watt ceiling mounted mirror optic luminaries with 55 watt tube on the ceiling complete with all necessary conduits required .Havellls make.	Each	12			
4	Wiring for light points with surface PVC round conduit 2mm thick with multistand 1.5 sq.mm copper conductor wires as required etc.	Each	6			

Total Amount Rs.

(Rupee.....)

NB **1.Rates should be quoted both in figure and word.**

**2. Work will be executed as per CPWD's Norms.**