

Name of Work

**ANNUAL MAINTENANCE CONTRACT FOR (A) "CARPENTARY, MASONARY AND PETTY CIVIL WORK" AND
(B) "PLUMBING WORK" OF NEIST RESIDENTIAL CAMPUS, CSIR-NEIST, JORHAT .**

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| | i) In English | |

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

TENDER ISSUED TO : M/s

.....

.....

Telephone no: _____ (IF ANY)

RRL Receipt No. _____ dated _____ for Rs. _____

SIGNATURE OF THE OFFICER ISSUING TENDER



CSIR-NORTH EAST INSTITUTE OF SCIENCE & TECHNOLOGY: JORHAT
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
NOTICE INVITING TENDER
No. NIT/WEB/ 53 /2016

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

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

| Sl. No | Name of Work | Earnest Money In Rs. | Cost of Tender in Rs. | Period of Maintenance Contract | Date of issue | Last Date of submission | Dt. Of Opening |
|--------|---|----------------------|-----------------------|--|--------------------------------|----------------------------|--------------------------|
| 1 | ANNUAL MAINTENANCE CONTRACT FOR (A) “CARPENTARY, MASONARY AND PETTY CIVIL WORK” AND (B) “PLUMBING WORK” OF NEIST RESIDENTIAL CAMPUS, CSIR-NEIST, JORHAT | 1,50,000/- | 1000/- | 2 years Extendable upto another 1 year | 06-10-2016 To 17-10-2016 | 18-10-2016 Upto 1:00 pm | 18-10-2016 At 2:30 pm |

Tender documents can also be downloaded from the web site <http://www.neist.res.in>. In case the tender documents obtained from the web site, then the tenderer should enclose a separate Demand draft / Pay Order from a scheduled bank in favour of Director, NEIST Jorhat for Rs.1000.00 (Non refundable) towards the tender cost and also submit his credentials along with the tender for verification. The tenderers are advised to see the work site before quoting the rates.

ADMINISTRATIVE OFFICER

- 1 The tenderers are required to produce proof of fulfilling conditions mentioned herein before, along with the attested copies of Sales Tax Certificate, Income Tax Clearance Certificate and Credentials, complete to the Executive Engineer, Civil Engineering Section, CSIR-N.E.I.S.T. Jorhat to get issue of Tender Paper on payment as mentioned above in cash (non-refundable). In case of Tenders downloaded from the website should accompany Tender cost in the prescribed form (Demand Draft) enclosed along with the attested copies of above certificates and credentials in the envelope while submitting the tender. Sale of Tenders shall be stopped one day before the date of opening of tenders.

In case of downloaded tender, if any discrepancies found in the tender document submitted by the party, the tender document (DNIT) approved by NEIST's Competent Authority shall be binding and final for its implementation.

Issue of tender paper will be from06-10-2016 to 17-10-2016.....

- 2 Tenders should be submitted in double sealed covers superscripted with the name of the work date and time of opening written both on the inner and outer envelopes. They will be received up to **1:00 p.m. on...18-10-2016.....** and will be opened at **2:30. p.m.** on the same day in the office of COA/AO, CSIR-North East Institute of Science & Technology, Jorhat,. Tenders should be dropped in the tender box kept at the Security Office, CSIR- N.E.I.S.T. Gate No. 2 before the closing date and time indicated. Tenders may be sent by Registered post or Speed post addressed to COA / AO, CSIR-North East Institute of Science & Technology, Jorhat-785006 in case the Tenders are sent by post. Tenderers are to ensure that the tenders are reached well in advance before the closing time and date indicated.
- 3 The Earnest money, amount mentioned above drawn by demand draft or pay order of a schedule bank in favour of the Director, North East Institute of Science & Technology, Jorhat, should accompany the tender. Tenders received without earnest money will be invalid. The tender consists of two part and the evaluation will be made separately for both the tenders. The Employer does not bind himself to accept the lowest or any tender and reserves the right of accepting the whole or any part of the tender.
- 4 Canvassing in connection with the tenders is prohibited and the tenders submitted by contractor who resort to canvassing are liable for rejection.
- 5 The tenderers are not permitted to submit their tenders for works in CSIR-N.E.I.S.T. Jorhat where a relative of the tenderer is posted in the grade between Controller of Administration and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or subsequently employed by him and whose relatives are as mentioned above.

NOTE: A person shall be deemed to be a relative of another if, and only if, (a) they are members of Hindu undivided family; or (b) they are husband and wife; or (c) the one is related to the other in the following manner: Father, Mother (including Step mother), Son (including step son), Sons wife. Daughter (including step daughter), Father, Son's son, Son's son's wife, Son's daughter, son's Daughter's husband, Daughter's husband, Daughter's son's wife, Daughter's daughter, Daughter's daughter's husband, Brother (including step brother), wife, sister (including step sister). Sister's husband.

- 6 Tender submitted shall remain valid for 90 days from the date of opening for the purpose of acceptance and award of work. Validity beyond 90 days from the date of opening shall be by mutual consent, should the Tenderer fail to keep the Tender open for acceptance as stated above or if the Tenderer withdraws his Tender before the expiry of the said period or makes any modifications in the terms and conditions of the Tender which are not acceptable to the Corporation, then NEIST without prejudice to any other right or remedy be at liberty to forfeit the Earnest Money.
- 7 The tenderer shall quote rates both in figures and words. He shall also workout the amount for each item of work and write in both figures and words. On check if there are differences between the rates quoted by the tenderer in words and in figures or in the amount worked out by him, the following procedure shall be followed.

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.

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.

When the rate quoted by the tenderer in figures and in words tallies but the amount is not worked out correctly the rate quoted by the tenderer shall be taken as correct and not the amount.
- 8 The tenderer should see drawings and in case of doubt, obtain required particulars, which may in any way influence his tender, from the Engineer as no claim whatsoever will be entertained for any alleged ignorance thereof.
- 9 Before tendering, the tenderer shall inspect the site to fully acquaint himself about the condition in regard to accessibility of site, nature and extent of ground, working condition of site and locality including stacking of materials, installations of tools and plants (T & P) etc., conditions affecting accommodations and movement of labour etc. required for the satisfactory execution of the work contract. No claim whatsoever on such account shall be entertained by the Employer in any circumstances.
- 10 Earnest money will be forfeited if the contractor fails to commence the work as per award of work.
- 11 Except writing rates and amount, the tenderer should not write any conditions or make any changes, additions, alterations and modifications in the printed form of tenders. Tenderers who are desirous to offer rebate the same should be brought out separately in the covering letter and submitted along with the tender.

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

Defects Liability Period: Twelve months from the date of completion as certified by the Employer.

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.

Security Deposit: A sum @10% of the gross amount of the bill shall be deducted from each running bill of the contractor till the sum along with the sum already deposited as earnest money, will amount to security deposit of 5% of the tenderer value of work. In addition, the contractor shall be required to deposit an amount equal to 5% of the tendered value of the contract as Performance Guarantee within the period prescribed for commencement of work in the letter of award issued to him.

Compensation: Contractor shall pay as-compensation and amount equal to one percent or such smaller amount as the Employer (whose decision in writing shall be final) may decide on the cost of whole work as shown in the agreement, for every week that the work remains uncompleted or unfinished or due quantity of work remains incomplete after the proper dates. Compensation to be paid shall not exceed ten percent of the estimated cost of the work as shown in the agreement.

13. **SPECIAL CONDITIONS OF CONTRACT**

1 These special conditions are meant to amplify the general specifications and general conditions of contract.

2 Work shall be done as per CPWD specification

In case 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 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.
- 4 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.
- 5 No payment shall be made to the contractor for any damage caused by rainfall, floods or any other natural cause whatsoever during the execution of work. The damage to work will be made good by the contractor at his own cost and no claim on this account shall be entertained.
- 6 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.
- 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 in consultation with Engineer in charge keeping in view the urgency involved with the related maintenance work failing which penalty of 1% of the quoted rate for that item per day will be charged.
- 9 The contractor will have to keep regular manpower available to accomplish the work in time in the following category under intimation to Engineer in charge:
- | | | |
|-----------------|---|-----|
| Site Supervisor | - | Nos |
| Carpenter | - | Nos |
| Painter | - | Nos |
| Mason | - | Nos |
| Plumber | - | Nos |
| Sweeper | - | Nos |
| Helper | - | Nos |
- 10 Definite particulars covered in the items of work, though not mentioned or elucidate in its specifications shall be deemed to be included therein.
- 11 Approval of the samples of various materials given by the Engineer in charge shall not absolve the contractor from the responsibility of replacing defective materials brought on site or materials used in the work found defective at a later date. The contractor shall have no claim to any payment or compensation whatsoever on account of any such materials being rejected by the Engineer in charge.
- 12 The quoted rate for the item of work shall be for the work completed in all respect.
- 13 All work shall be carried out in a manner applying the best technique.
- 14 All tools, templates, machinery and equipment for correct execution of the work as well as for checking lines, levels, alignment of the works & all precautionary measures during execution shall have to be kept in sufficient numbers and in good working condition at the site of the work.
- 15 No any kind of price rise / price escalation / price variation for cement, steel or labour shall be paid.
- 16 Tenders shall submit all the valid/certified documents in support of their initial/eligibility criteria mentioned above

- along with the bid. They shall have also to submit the income tax clearance certificate and solvency certificate.
- 17 No advance such as secured advance machinery advance, mobilization advance or materials advance will be given.
 - 18 Contractors shall not have any dispute or claim for any kind of compensations.
 - 19 The Earnest Money will be returned to all unsuccessful tenderers within a period of 10 days from the date of issue of the acceptance letter in the case of all unsuccessful Tenderers and for successful Tenderer, the same will be adjusted towards the Security Deposit. No interest shall be payable on Earnest Money, in any case.
 - 20 The Tenderer/ Contractor has to obtain and submit the Labour Licence, if applicable, as per section 34 of CPW. Works Manual before commencement of work and the same should remain valid till the completion of work.
 - 21 The Tenderer / contractor has to obtain workman's compensation policy. The same is required to be submitted by the contractor before commencement of the work. The policy should remain valid till the completion of work.
 - 22 NEIST, Jorhat does not bind itself to accept the Lowest or any Tender and reserves to itself the right of accepting the whole or any part of Tender and the Tenderer shall be bound to perform the same at the rates quoted.
 - 23 No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or administrative duties in a Engineering Department of NEIST Jorhat is allowed to work as a contractor for a period of two years of his date of retirement from council service without the prior permission of CSIR-NEIST. This contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of CSIR-NEIST as aforesaid before submission of the Tender or engagement in the contractor's service.
 - 24 The Tender for the work shall not be witnessed by a contractor or a contractor who himself/themselves has/have Tendered for the same work. Failure to observe these conditions will render Tenders of the contractors Tendering as well as witnessing the Tender liable to summarily rejection.
 - 25 While quoting the rates in the Schedules of Quantities the word 'Only' should be written closely, following the amount and it should not be written in the next line.
 - 26 The contractor shall submit list of works with value which were executed by him so far and which are in hand at present.
 - 27 The contractor should give full and correct address along with the Tender further if there is any change of address during currency of contract the same should be intimated to the department immediately and otherwise NEIST, Jorhat is not responsible for wrong delivery or delay of the Notice etc. served to the above.
 - 28 All the maintenance work listed in the NIT would have to be taken up once informed by the concerned division/ section failing which 1 % per week penalty will be charged beyond the deadline/ date of completion earmarked by the Engineer In-charge/ Site Engineer.
 - 29 The urgency / genuineness of the required maintenance once reported by the users will be shortlisted by the Engineer In-charge for priority and the contractor will have to take up the job in the similar manner and complete the job to avoid any inconvenience the residents.
 - 30 All the quality of the material and workmanship for the assigned job have to be as per specification provided in the NIT and will be responsibility of the contractor to accomplish and Site Engineer to certify.



CSIR-NORTH-EAST INSTITUTE OF SCIENCE AND TECHNOLOGY:

JORHAT

(Council of Scientific and Industrial Research)

Name of Work : (i) ANNUAL MAINTENANCE(CARPENTARY,MASONARY AND PETTY CIVIL WORK) CONTRACT OF NEIST RESIDENTIAL CAMPUS,CSIR-NEIST, JORHAT
(ii) ANNUAL MAINTENANCE(PLUMBING) CONTRACT OF NEIST RESIDENTIAL CAMPUS,CSIR-NEIST, JORHAT

DETAIL STATUS OF THE FIRM

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

Signature of Contractor
With rubber stamp

**CSIR-NORTH EAST INSTITUTE OF SCIENCE & TECHNOLOGY
(COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH)**

Jorhat Assam 785 006

NAME OF WORK: ANNUAL MAINTENANCE CONTRACT OF NEIST RESIDENTIAL CAMPUS,

CSIR-NEIST, JORHAT

SCHEDULE OF QUANTITIES

PART "A"

CARPENTRY, MASONRY AND PETTY CIVIL WORKS

| Sl. No | Description of Item | Unit | Qty | Rate in Figure | Rate in Words | Amount |
|--------|---|------|-----|----------------|---------------|--------|
| 1 | Demolishing brickwork including stacking of serviceable materials and disposal of unserviceable materials as directed for all levels (Masonry). | Cum | 01 | | | |
| 2. | Plain Cement Concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing step, walls, brick works etc. as directed and specified including dewatering if necessary, and curing complete. In prop 1 cement: 4 sand : 8 coarse aggregate by volume (Masonry). | Cum | 01 | | | |
| 3 | Providing brick soling in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete. Brick on flat soling (Masonry). | Sqm | 01 | | | |
| 4 | Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed in superstructure above plinth level. In proportion 1:3 (1 cement : 3 sand) (Masonry). | cum | 01 | | | |

Sub Total Rs.

| Sl. No | Description of Item | Unit | Qty | Rate in Figure | Rate in Words | Amount |
|--------|--|------|-----|----------------|---------------|--------|
| 5 | 112mm thick 1st class brick naged wall in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to 1st floor level. In cement mortar in proportion 1:4 (1 cement : 4 sand) (Masonry) | Sqm | 01 | | | |
| 6 | 65mm thick cement concrete floor consisting of 50 mm under layer of cement concrete in prop 1:3:6 (1 cement : 3 coarse sand : 6 coarse aggregate of 25 mm and down) and 15 mm thick wearing layer in cement concrete in prop. 1:1:2 (1 cement : 1 coarse sand : 2 coarse aggregate of size 10 mm down) finished with a floating coat of neat cement finish using cement slurry for bond @ 2.75 kg per square metre of floor area, including curing etc. complete as directed. (Masonry). | Sqm | 01 | | | |
| 7 | 15mm thick Cement plaster in single coat on rough side of single or half brick wall for interior plastering up to 1st floor level including arises, internal rounded angles, not exceeding 80mm in girth and finished even and smooth including curing complete as directed. In cement mortar 1:3 (Masonry). | Sqm | 01 | | | |
| 8 | Providing Nitco/Somany Ceramic Floor Tiles of approved quality size, shape and thickness not less than 8mm on floor over cement mortar 15mm thick in prop 1:3 (1 cement : 3 coarse sand) 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. [300mmx300mm) (Masonry). a) For Floor | Sqm | 01 | | | |

| | | | | | | |
|----|--|-----|----|--|--|--|
| 9 | <p>Providing polished ceramic wall tiles of approved quality, size, shape and thickness not less than 8mm on walls and skirtings over cement mortar bed 10 mm 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 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 both interior and exterior walls).ii) Of size 200mmx300mm and above (Masonry).</p> | Sqm | 01 | | | |
| 10 | <p>Providing and laying four course water proofing treatment with bitumen felt over roof consisting of first and third courses of blown or residual bitumen applied hot @ 1.45 kg per sqm of area for each course second course of roofing with felt type 3 grade 1 (hessian base self-finished bitumen) and fourth and final course with stone grit 6mm and down size, felt pea gravel spread @ 0.006m³ per sqm including preparation of surface, excluding grouting etc. as directed and specified including removal of the existing layer (Masonry).</p> | Sqm | 01 | | | |
| 11 | <p>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 in-situ reinforced concrete and plain concrete work in : Sides of beams, slabs etc. using 25mm thick plank (Masonry).</p> | sqm | 01 | | | |

| | | | | | | |
|----|---|------|----|--|--|--|
| 12 | Brick-on-edge floor with 1st class brick and grouted with cement mortar in prop 1:4 (1 cement: 4 sand) including cement pointing in proportion 1:1 (1 cement : 1 sand) finishing and curing complete (Masonry). | Sqm | 01 | | | |
| 13 | Providing polished granite slab of approved quality, size, shape and thickness not less than 18 mm on floors, skirtings, treads and risers of steps over cement mortar bed 15 mm 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 be measured and paid separately). (Coloured pigment should be in conformity with colour of slab and as approved and directed by the Department). Executive Quality with white cement (Masonry) | Sqm | 01 | | | |
| 14 | Dismantling wood work in frames, trusses, purlins and rafters including stacking the materials as directed by the department for all levels (Carpentry). | Cum | 01 | | | |
| 15 | Dismantling all types of corrugate/trapezoidal sheet roofing including ridges, hips, valleys and gutters etc.and stacking the materials as directed by the department for all levels (Carpentry). | sqm | 01 | | | |
| 16 | Dismantling and removing the existing door and window frame (chowkath) both wooden and steel of different sizes without damaging the walls and removing the frame and necessary repairs to the edges of the walls as directed for all levels (Carpentry). | each | 01 | | | |
| 17 | Providing wood work in frame (chowkaths) of doors, windows, clerestory windows and other similar works wrought, framed and | cum | 01 | | | |

| | | | | | | |
|----|---|-----|----|--|--|--|
| | fixed in position in contact with C.C or brick masonry wall including supplying, fitting and fixing with M.S hold fast (40mm x 3mm x 250mm) as per design embedded in cement concrete block in proportion 1:2:4 and with two coats of kiricide oiling to the timber faces in contact with C.C and masonry as directed and specified.(b) With 1 st class timber (Hollock/shal/Bonsum/Sal) (Carpentry). | | | | | |
| 18 | Providing undressed wood work in roof truss, rafter, purlins, tie and the like including hoisting and fixing in position with necessary spikes, nails including M.S straps with bolt and nuts etc. complete with kiricide oiling two coats to all timbers members and two coats of anticorrosive paint to M.S straps (M.S flats, angle cleats, and bolt and nuts required for flat and angle cleats wherever used shall be measured and paid separately) (Carpentry). | cum | 01 | | | |
| 19 | Supplying fitting and fixing pelmet to door and window frames with 12mm thick kit ply wood finished with matt finished sunmica on external faces and bottom and fixed with wooden brackets including providing 20mm dia aluminum hanger with necessary socket and clamps complete including inside painting as directed.(b) Without sunmica (Carpentry). | sqm | 01 | | | |
| 20 | Providing ,fitting and fixing full paneled doors/windows including oxidised M.S butt hinges(100mm x 75mm x 3.55mm) with necessary screws(other fittings to be measured and paid separately).C) With 1st class Local Wood (Bola Wood/Bonsum/Teak) 35 mm thick (Carpentry). | sqm | 01 | | | |
| 21 | Providing, fitting and fixing fully glazed window with sash bars including oxidised M.S butt hinges(75mm x 60mm x3.15mm) 2 | sqm | 01 | | | |

| | | | | | | |
|----|--|-----|----|--|--|--|
| | nos. on each leaf and 3nos.on single leaf(glass panes to be measured and paid separately). B) with Bola wood/Gamari wood.(ii) 35mm thick (Carpentry). | | | | | |
| 22 | Providing fitting and fixing fully glazed window without intermediate sash bars including oxidised M.S butt hinges(75mm x 60mm x 3.15mm) 2 nos. on each leaf and 3 nos. on single leaf(glass panes to be measured and paid separately).(B)with Bola wood/Gamari wood.(ii)35mm thick. | sqm | 01 | | | |
| 23 | Providing and fixing particle board/block board shutters for cupboards including black enamelled M.S butt hinges(75mm x 40mm x 1.12mm)6 nos. hinges(75mm x 40mm x 1.12mm) 6 nos. with necessary wood screws(fully panelled).(a) with Teak wood particle board(12mm thick) <u>For SA type, E type, Girls Hostel, D type]</u> (Carpentry). | sqm | 01 | | | |
| 24 | Providing and fixing Flush Door shutters solid core construction with frame of 1st class hard wood with cross band and face veneered ply wood face panels conforming to relevant I.S. code including oxidised iron butt hinges (100mm x 75mm x 3.5mm) 6 Nos with necessary wood screws (Carpentry). | sqm | 01 | | | |
| 25 | Providing, fitting and fixing Wire Gauge shutters using Stainless Steel wire of I.S. designation 85G with wire of dia 0.56mm for doors, windows and clerestory windows including oxidised M.S. butt hinges (100mm x 58mm x 1.90mm). With 1st class Local wood (Hollock/ Bonsum) 30mm thick (Carpentry). | sqm | 01 | | | |
| 26 | Providing, fitting and fixing steel windows/ ventilators (openable) of standard rolled steel sections as per relevant I.S. code-1038 joints mitred and welded with 15mm x 3mm x 100mm lugs embedded in cement concrete block of M-10 grade including providing and fixing | sqm | 01 | | | |

| | | | | | | |
|----|---|-----|----|--|--|--|
| | of projecting hinges (not more than 65mm and not less than 15mm wide) bolting device and steel handles, peg stays of 300mm long etc. complete as per drawing including applying a priming coat of red-lead paint including removing old window (Carpentry). | | | | | |
| 27 | Providing and fixing clear sheet glass beded in putty and fixed with/without wooden beadings including necessary cutting of glass to required sizes. Area of glass panes exceeding 0.15sqm but not exceeding 0.52 sqm. 4.00mm thick (Carpentry). | sqm | 01 | | | |
| 28 | Providing asbestos cement corrugated sheet roofing 6mm thick fixed with G.I. coach screw square head, 8mm dia and 115mm long/ G.I. cranked bolt of 8mm dia with G.I. flat washer 25mm dia x 1.0mm thick and bitumen washer 25mm dia x 3mm thick complete excluding the cost of roof truss, purlins etc (Carpentry). | sqm | 01 | | | |
| 29 | Providing corrugated galvd. Iron sheet roofing of TATA shaktee / SAIL including fitting and fixing necessary galvd. J or L hooks, bolts and nuts 8mm dia with bitumen washer 25mm dia x 3mm thick and 1.6mm thick limpet washer complete excluding cost of roof truss , purlin etc. 0.50 mm thick (Carpentry). | sqm | 01 | | | |
| 30 | Labour for fitting and fixing galvd corrugated iron roofing including supplying and fixing with new galvd screw J hook, bolts, nuts washer etc. complete as directed (Carpentry). | sqm | 01 | | | |
| 31 | Labour for taking out and refitting galvd ridging including supplying and fixing necessary galvd screw, bolts and nuts complete as directed (Carpentry). | Rm | 01 | | | |
| 32 | Supplying, fitting and fixing electro coloured iron fittings of approved make, reasonably smooth, free from sharp edges and corners, | | | | | |

| | | | | | | |
|-------|--|------|----|--|--|--|
| | flaws and other defects and with counter sunk holes for wood screws including necessary screws etc. complete (Carpentry). | | | | | |
| (i) | Sliding door bolts. 250mm x 16mm | each | 01 | | | |
| (ii) | Tower Bolts. 200mm x 10mm | each | 01 | | | |
| (iii) | Tower Bolts. 150mm x 10mm | each | 01 | | | |
| (iv) | Tower Bolts. 100mm x 10mm | each | 01 | | | |
| (v) | MS shutter hook and eye | each | 01 | | | |
| (vi) | MS Butt Hinge. Heavy Duty. 75mm x 75mm x 3.55mm | each | 01 | | | |
| 33 | Supplying, fitting and fixing anodised aluminium fittings of approved make, reasonably smooth, free from sharp edges and corners, flaws and other defects and with counter sunk holes for screws including necessary aluminium screws etc. complete (anodised to bright natural matt & satin finished) (Carpentry). | | | | | |
| (i) | Door Handles. 100mm | each | 01 | | | |
| (ii) | Door Handles. 150mm | each | 01 | | | |
| 34 | Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for RCC work 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, etc complete. TMT bar of other ISI approved make (Carpentry). | Qtl | 01 | | | |
| 35 | Supplying fitting and fixing 3mm thick Aluminium Plain Sheet including nails screws etc. complete as directed (Carpentry). | sqm | 01 | | | |

| | | | | | | |
|----|---|------|----|--|--|--|
| 36 | <p>Providing, fitting and fixing anodised aluminium fixed windows and ventilators of standard sections of approved brand, joints mitred welded (manufactured to relevant I.S. specification) fitted with glass panes of required thickness and 12mm prelaminated boards and providing and fixing handles, angle cleat, rubber gasket, roller bolting device, screws as required complete as specified and directed for all levels. (for creche, nursery school) (Carpentry).</p> | sqm | 01 | | | |
| 37 | <p>Providing, fitting and fixing anodised aluminium framed glazed doors with anodised aluminium frame made of 100mm x 45mm x 2.5mm section of approved brand 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 (Carpentry).</p> | each | 01 | | | |
| 38 | <p>Supplying, fitting, fixing anodised aluminium fittings of approved make, reasonably smooth, free from sharp edges and corners, flaws and other defects and with counter sunk holes for screws including necessary aluminium screws etc. complete.(anodised to bright natural matt & satin finished) Hydraulic door closure (Carpentry).</p> | each | 01 | | | |
| 39 | <p>Supplying, fitting, fixing anodised aluminium fittings of approved make, reasonably smooth, free from sharp edges and corners, flaws and other defects and with counter sunk holes for screws including necessary aluminium screws etc. complete.(anodised to bright natural matt & satin finished</p> | each | 01 | | | |

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|----|--|-----|----|--|--|--|
| | 100mm(Godrej with handle (6 lever) (Carpentry). | | | | | |
| 40 | Providing, fitting and fixing fly proof Stainless Steel wire gauge of IS designation 85 G with wire of dia. Of 0.56mm to windows and clerestory windows including timber beading of size 50mmx20mm complete. With 1st class local timber bead (Carpentry). | sqm | 01 | | | |
| 41 | Providing and fixing one side teak veneered particle board lining with butt joint leaving a gap of 10mm as per drawing including fitting and fixing with countersunk screws with the frame work complete as specified and directed at all levels(frame work to be measured and paid separately) (Carpentry). | Sqm | 01 | | | |
| 42 | Providing galvd iron ridging of TATA SHAKTEE / SAIL including supplying and fixing necessary galvd screws/washers etc. complete as directed.(a) 0.45 mm thick (i) 150 mm lapping (Carpentry). | Rm | 01 | | | |
| 43 | Taking out from position and repairing wooden door and window shutters by planing the the sides, oiling the hinges, repairing the handles and bolts etc. And again refixing to position (Carpentry). | Job | 01 | | | |
| 44 | Supplying fitting and fixing M.S.angles, M.S. flat, M.S. bolts and nuts including painting with red lead paint one coat complete as directed (Carpentry). | | | | | |
| | a) M. S. Angles..... | Qtl | 01 | | | |
| | b) M. S. Flats..... | Qtl | 01 | | | |
| | c) M. S. bolts & nuts..... | Qtl | 01 | | | |

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|----|--|-----|----|--|--|--|
| 45 | Providing two coats of Birla White Wall Care Putty (Wall resistant White Cement based putty for concrete/ mortar walls and ceiling both internal and external) after removing all loosely adhering material from the wall surface with the help of emery stone, putty blade or wire brush and moistening the wall with sufficient quantity of clean water as specified and directed by the department. Thickness = 1.0mm (Civil) | sqm | 01 | | | |
| 46 | Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paint of approved brand and manufacture (Asian paint / Berger Paint/ ICI paint/ J&N paint/ Nerolac) to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping.High Gloss paint. | sqm | 01 | | | |
| 47 | Painting one coat (excluding priming coat) on old wood and wood based surfaces with enemel paint to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping. Surfaces over 100mm in width or girth. High Gloss (Civil). | Sqm | 01 | | | |
| 48 | Painting one coat (excluding priming coat) on old wood and wood based surfaces with enemel paint to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping. Surfaces up to 100mm in width or girth. High Gloss (Civil) | Rm | 01 | | | |
| 49 | Supplying, fitting and fixing galvanized barbed wire fencing with seven strands of barbed wire 12 S. W. G .x 2plies x 4 points at 75mm apart with angle iron intermediate fencing posts not more than 1800mm apart and straining and end post etc. as necessary to be fitted with straining | Sqm | 01 | | | |

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|----|--|-----|----|--|--|--|
| | eye bolts and staples etc. complete as directed, specification of the angle iron post as given below (Civil). | | | | | |
| | <p>a) Intermediate post 35mm x35mm x5mm x1800mm long bottom torched and duly slotted.</p> <p>b) Straining post 65mm x 65mm x 6mm x 1820mm long with 2 stays of 35mmx35mmx1520mm long and 3 base plates 200mm x 200mm x 5mm, duly slotted to take eye bolts etc.</p> <p>c) Corner posts 65mm x 65mm x 6mm x1820mm long with 2 stays of 35mm x 35mm x 5mm x 1 670 mm and 3 base plates 200mm x 200mm x 5mm,duly slotted to take eye bolts etc.</p> <p>d) Straining or end posts 65mmx 65mm x 6mmx 1820mm long with 1 stays of 35mm x 35mm x 5mmx 1820 mm long with base plates 200mmx 200mm x 5mm, duly slotted to take eye bolts etc (Civil).</p> | | | | | |
| 50 | Supplying, fitting and fixing double leaf heavy duty iron gate, frame made from 50mm x 6mm M.S. flat iron with another horizontal flat at the middle, 20mm dia M.S bars at 200mm apart from bottom flat to top flat and 20 mm dia M.S. bars at 200mm apart from bottom flat to middle flat including drilling, welding etc. complete. All vertical bars are to be protruded at least 100mm above the middle and top flat is to be flattended and pointed as directed. Necessary locking arrangement on both faces, arrangement for temporary closing the gate and 2 nos.(minium) strong iron hinges of M.S bars and flat of same sizes on each leaf to be embedded in C.C brick pillars as necessary including a red oxide painting to all iron works as directed and specified. (Separate payment will be made for posts) (Civil). | Qtl | 01 | | | |

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|----|---|-----|----|--|--|--|
| 51 | <p>Supplying, fitting and fixing door frame made of M.S. equal angle of size 40mmx40mmx5mm fabricated, welded, mitred and joined as per relevant I.S. Codes including fitting 8 nos. of M.S. hold fast, providing closing/ holding device for 2 nos. tower bolts of door for each side and 1 no. for fitting and fixing Aldrop (for single leaf) to the frame for fixing the door to the frame, applying primer to all steel surfaces fixing the frame to the wall/ R.C.C. members by embedding the hold fast securely in C.C. block of M-15 grade complete at all levels as specified and directed. (Door hinges to be paid as per relevant item of the schedule of rates) (Civil)</p> | M | 01 | | | |
| 52 | <p>Providing drain with cement concrete (1:3:6) 10cm thick sides 10cm thick bed over brick flat soling including 15mm thick cement plastering in prop. 1:3 finished with a floating coat of cement slurry as directed with necessary shattering for sides and earth work in excavation of foundation trenches and refilling the sides after completion of work etc. as specified.</p> | Rm | 01 | | | |
| | <p>ii). 300mm wide and average 250mm deep with bed slope 1 in 150 with initial depth of 100mm.</p> | | | | | |
| 53 | <p>Taking out from position and repairing steel window shutters including steel frames at all levels after cutting out the heavily rusted and damaged portion of the shutters and frames and welded with the new 'Z' section of steel members, corner, hinges, stay etc. including fitting and fixing in position and riveting with new rivets adjusting, cleaning, cutting the holes and making good the damages to metal with existing one. Window grills to be removed during carrying out the work and to be re-fixed in position after completion of work. The glass panes damaged during execution</p> | Sqm | 01 | | | |

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|----|--|-----|----|--|--|--|
| | should also be changed (Civil). | | | | | |
| 54 | Raising low site around the building with approved soil obtained from outside by truck carriage including breaking clods, dressing etc. complete including paying necessary forest royalty, sales tax, land compensation, municipal gate fees, if any monopoly duty etc. (profile measurement to be taken and 12.5% deduction for shrinkage to be made from total quantity) etc. complete as directed and specified. | Cum | 01 | | | |
| | (b) Other than Guwahati city | | | | | |
| 55 | Wall painting (two coats) with Plastic emulsion paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) on new 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)(Painting) | Sqm | 01 | | | |
| 56 | Finishing old / new wall with water proofing weather coat smooth anti-fungal exterior painting of approved make of Berger paint of required shade after cleaning and clearing the surface etc. including scaffolding complete as directed at all levels (two coats)(Painting). | Sqm | 01 | | | |

**CSIR-NORTH EAST INSTITUTE OF SCIENCE & TECHNOLOGY
(COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH)
Jorhat Assam 785 006**

NAME OF WORK: ANNUAL MAINTENANCE CONTRACT OF NEIST RESIDENTIAL CAMPUS, CSIR-NEIST, JORHAT

SCHEDULE OF QUANTITIES

**PART "B"
Plumbing**

| Sl. No | Description of Item | Unit | Qty | Rate in Figure | Rate in Words | Amount |
|--------|---|------|-----|----------------|---------------|--------|
| 01 | Providing fitting and fixing vitreous water closet squatting pan (Indian type W.C Orissa pattern) with all fittings and fixtures complete including cutting and making good to the walls and floors wherever required. (Flushing Cistern to be paid separately) | Each | 01 | | | |
| | Indian type W.C Orissa pattern of size 580 x 440 mm | | | | | |
| | White | | | | | |
| | Hindware/ Parryware make | | | | | |
| 02 | Providing fitting and fixing vitreous china pedestal type water closet (European type W.C pan 400mm high) with seat and lead ,CP brass hinges and rubber buffers , CI/MS brackets , 40 mm dia flush band with fittings including painting of fittings and brackets, required. (Flushing Cistern to be paid separately) | Each | 01 | | | |
| | Parryware make/ Hindware | | | | | |
| | White | | | | | |
| | Petite (S/P) (Cat No.C0287/88) (inclusive of seat cover) | | | | | |
| 03 | Supplying, fitting and fixing PVC flushing cistern with all internal fittings with CI brackets including fitting and fixing standard size CP flush pipe, union clamps etc. compete as directed and specified (pipes will be measured separately) | each | 01 | | | |

| | | | | | | |
|----|--|------|----|--|--|--|
| | Parryware make/ Hindware | | | | | |
| | White | | | | | |
| | Tiger (Cat No.C8260) | | | | | |
| 04 | Providing vitreous China wash basin with CI/MS brackets, C.P brass chain with plug, PVC waste pipe including painting of fittings and brackets, cutting and making good the walls wherever required. (Pillar cock, stop cocks, waste coupling are to be paid separately) | Each | 01 | | | |
| | Basin (without pedestal) | | | | | |
| | Hindware Make | | | | | |
| | White | | | | | |
| | Cute (Cat. No.10053) | | | | | |
| 05 | Providing fitting & fixing stainless steel kitchen sink of Parryware make with CI/MS brackets, C.P. brass chain with rubber plug, PVC waste pipe etc. complete including painting the fittings, cutting & making good the walls wherever required. (Sink cock, stop cocks, waste coupling are to be paid separately) | Each | 01 | | | |
| | Parryware Make/ Nirali | | | | | |
| | Single Bowl (160 x 180) Flat Edge - Glossy (Cat.No.C8538) | | | | | |
| 06 | Providing fitting and fixing Mirror with plastic frame of size 500x400mm complete as directed and specified. | Each | 01 | | | |
| 07 | Providing fitting and fixing Glass Shelf complete as directed and specified. | Each | 01 | | | |
| | Glass shelf with C.P. guard rail | | | | | |
| | Sona make (Cat. No.TR-0701) | | | | | |
| | 450mm | | | | | |

| | | | | | | |
|----|---|------|----|--|--|--|
| 08 | Providing, fitting and fixing recessed soap tray / soap dish complete as directed and specified. | Each | 01 | | | |
| | Parryware Make | | | | | |
| | Wall Soap tray (Cat. No.C9951) | | | | | |
| 09 | Demolishing CC floors of various thickness including top layer and base course and disposal of debris as directed for all levels. | Sqm | 01 | | | |
| 10 | Providing, fitting and fixing CP towel rail complete as directed and specified. | Each | 01 | | | |
| | Sona make | | | | | |
| | Towel rail Diplomat 300mm long (Cat.No.TR-0605) | | | | | |
| 11 | Providing, fitting and fixing Chrome Plated towel ring complete as directed and specified. | each | 01 | | | |
| | Sona make | | | | | |
| | Towel ring round (Cat.No.TR-06051) | | | | | |
| 12 | Supplying, fitting and fixing PVC pipes of 6 Kg/cm ² (Supreme/Prince) or other ISI approved including joining ,fitting and fixing with clamps etc.as necessary complete at all levels including below G.L as directed and specified. | | | | | |
| | In exposed surfaces or in trenches. | | | | | |
| | (i) 160mm dia. | Rm | 01 | | | |
| | (ii) 110mm dia. | Rm | 01 | | | |
| | (iii) 90mm dia. | Rm | 01 | | | |
| | (iv) 75mm dia. | Rm | 01 | | | |
| | (v) 63 mm dia. | Rm | 01 | | | |
| | (vi) 50mm dia | Rm | 01 | | | |

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|----|---|------|----|--|--|--|
| 13 | Supplying fitting and fixing 87.5 degree PVC bend with door of (Supreme/Prince) or other ISI approved including joining , fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified. | | | | | |
| | In exposed surfaces or in trenches. | | | | | |
| | (i) 160mm dia | each | 01 | | | |
| | (ii) 110mm dia. | each | 01 | | | |
| | (iii) 90mm dia. | each | 01 | | | |
| | (iv) 75 mm dia. | each | 01 | | | |
| | (v) 50mm dia | each | 01 | | | |
| 14 | Supplying fitting and fixing PVC single tee with door of (Supreme/Prince) or other ISI approved including joining , fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified. | | | | | |
| | In exposed surfaces or in trenches. | | | | | |
| | (i) 160mm dia | each | 01 | | | |
| | (ii) 110mm dia. | each | 01 | | | |
| | (iii) 90mm dia. | each | 01 | | | |
| | (iv) 75 mm dia. | each | 01 | | | |
| | (v) 50mm dia | each | 01 | | | |
| 15 | Supplying fitting and fixing PVC single 'Y' with door of (Supreme/Prince) or other ISI approved including joining , fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified. | | | | | |
| | In exposed surfaces or in trenches. | | | | | |
| | (i) 110mm dia. | each | 01 | | | |
| | (ii) 75 mm dia. | each | 01 | | | |

| | | | | | | |
|----|---|------|----|--|--|--|
| 16 | Supplying fitting and fixing PVC reducer of (Supreme/Prince) or other ISI approved including joining , fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified. | | | | | |
| | a) In exposed surfaces or in trenches. | | | | | |
| | (i) 160mm x 110 mm | each | 01 | | | |
| | (ii) 160 mm x 90 mm | each | 01 | | | |
| | (iii) 110 mm x 90 mm | each | 01 | | | |
| | (iv) 110 mm x 75mm | each | 01 | | | |
| | (v) 110mm x 63 mm | each | 01 | | | |
| | (vi) 90 mm x 75 mm | each | 01 | | | |
| | (vii) 90 mm x 63 mm | each | 01 | | | |
| | (viii) 75 mm x 63mm | each | 01 | | | |
| 17 | Supplying fitting and fixing PVC reducing Tee of (Supreme/Prince) or other ISI approved including joining , fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified. | | | | | |
| | a) In exposed surfaces or in trenches. | | | | | |
| | (i) 160mm x 110 mm | each | 01 | | | |
| | (ii) 110 mm x 90 mm | each | 01 | | | |
| | (iii) 110 mm x 75mm | each | 01 | | | |
| | (iv) 90 mm x 75 mm | each | 01 | | | |
| | (v) 90 mm x 63 mm | each | 01 | | | |
| | (vi) 75 mm x 63 mm | each | 01 | | | |
| 18 | Supplying fitting and fixing PVC socket plug of (Supreme/Prince) or other ISI approved including joining , fitting and fixing etc. in exposed surface or trenches as necessary complete at all levels including below G.L. as directed and specified. | | | | | |
| | (a) 110 mm | each | 01 | | | |
| | (b) 75 mm | each | 01 | | | |

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|----|---|------|----|--|--|--|
| 19 | Providing fitting and fixing 50mm dia. HCI cowl with cement caulking complete as directed and specified. | Each | 01 | | | |
| 20 | Providing fitting and fixing PVC cowl of ISI make complete as directed and specified. | | | | | |
| | (i) 160mm dia. PVC cowl of ISI make | each | 01 | | | |
| | (ii) 110mm dia. PVC cowl of ISI make | each | 01 | | | |
| | (iii) 90mm dia. PVC cowl of ISI make | each | 01 | | | |
| | (iv) 75mm dia. PVC cowl of ISI make | each | 01 | | | |
| | (v) 63mm dia. PVC cowl of ISI make | each | 01 | | | |
| 21 | Providing fitting & fixing C.I. Grating to the floors complete as directed and specified. | | | | | |
| | (a) 110mm dia | each | 01 | | | |
| 22 | C.P. Grating | | | | | |
| | (i) 160mm dia | each | 01 | | | |
| | (ii) 110mm dia | each | 01 | | | |
| | (iii) 75mm dia | each | 01 | | | |
| 23 | Supplying fitting and fixing G.I. Pipes of following sizes, with all necessary 'R' brand or similar approved G.I. Fittings such as bend, tee, elbow, reducer, nipple, plug, long screw fitting, H.W. clamps etc. complete at all levels including below G.L. as directed and specified.(A) Exposed on walls | | | | | |
| | a) 25 mm dia (Medium) | | | | | |
| | ii) Using other ISI marked approved brand | RM | 01 | | | |
| | b) 20mm dia (Medium) | | | | | |
| | ii) Using other ISI marked approved brand | RM | 01 | | | |
| | c) 15 mm dia (Medium) | | | | | |
| | ii) Using other ISI marked approved brand | RM | 01 | | | |
| 24 | Supplying fitting and fixing C.P. bib cock 15mm dia of approved brand directed and specified. (G.I. & C.P | Each | 01 | | | |

| | | | | | | |
|----|--|------|----|--|--|--|
| | pipes will be measured separately) | | | | | |
| | Agmecco brand/Sona | | | | | |
| | Bib Cock without Flange CAT No.CC 00204/CAT No.CN 00204 | | | | | |
| 25 | Supplying fitting and fixing chrome plated (C.P.) stop-cock of approved brand and size as mentioned below as directed and specified.(G.I. & C.P pipes will be measured and paid separately) | Each | 01 | | | |
| | Agmecco Brand/Sona | | | | | |
| | (a) 15mm dia(Male/ Female) | | | | | |
| 26 | Supplying fitting and fixing overhead adjustable Chrome Plated (C.P.) spray shower 15mm dia. of Sona make with wall flange as directed and specified.(pipes will be measured and paid separately) | Each | 01 | | | |
| | (a) Hammer shower with arm | | | | | |
| 27 | Supplying and placing plastic cylindrical vertical closed top (PCVC) tank of Sintex / Polycon make over the staging with manhole cover with locking and cleaning arrangement including providing pads of size as required for inlet and outlet pipes | Each | 01 | | | |
| | (a) 500 litre capacity | | | | | |
| | (b) Polycon / Sintex make | | | | | |
| 28 | Labour for erecting and placing PCVC Tank over the staging of 5.00m up to 8.00m complete as directed. | Each | 01 | | | |
| | (a) 500 litre capacity | | | | | |

Grand Total Rs.

Rupees(_____) only
N.B.

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