

DIRECTORATE OF PHYSICAL PLANT : JORHAT-785013.

(PRESCRIBED TENDER FORM)

NIT Memo No.

Name of work: Construction of Canteen Cum Indoor stadium at BNCA

ESTIMATED COST **Rs. 1,54,06,874.00**

EARNEST MONEY..... **Rs. 3,08,137.00**

Time of completion **12 (Twelve) Months**

DATE OF SUBMISSION OF TENDER Upto **2.00 P.M. on 22.08.2017**

To

The Director of Physical Plant,
Assam Agricultural University,
Jorhat-13.

Sub.: Submission of Tender.

Sir,

I/We offer my/our tender to execute the above mentioned work as per my/our rate for item of works as quoted, enclosed herewith.

Yours faithfully,

(Signature of the Contractor)

Name in Full.....

Address in Full

.....

(Mobile No.....)

Name of work :- Construction of Canteen Cum Indoor stadium at BNCA

(A) Civil works :

Item No.1: EXCAVATION

Earthwork in excavation for foundation trenches of wall, footing of column. i/e refilling the Qnty. after completion of work, breaking clods in return filling dressing, watering ramming etc. Complete

(A) Up to a depth of 2.00m below the existing ground level.

(a) In ordinary soil

Qnty. 911.25 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

Item No.2: FILLING

a) 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

(b) Other than Guwahati city

Qnty. 634.79 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

b) Earth/ sand filling in plinth in layers not more than 150mm thick including necessary carriage, watering, ramming etc. complete as directed and specified

(a) With earth or silt or sand obtained by head load with lead upto 90m and lift upto 2m

Qnty. 494.64 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

Item No.3: SOLING

Providing 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

Qnty. 469.50 M2 @ Rs./M2 Rs.....

(Rupees.....) only.

Item No.4 : PCC

Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc. as directed and specified including dewatering if necessary

In prop 1cement: 3 sand :6 coarse aggregate by volume

Qnty. 46.95 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

Item No.5: FORMWORK

a) Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc., height of propping and centering In prop 1cement: 3 sand :6 coarse aggregate by volume

i) Foundation, footings, bases of columns, pile cap, raft and mass

(b) Using 25mm thick plank

Qnty. 458.00 M2 @ Rs./M2 Rs.....

(Rupees.....) only.

ii) Sides of tie beams, grade beams etc. at or below ground level.

(b) Using 25mm thick plank

Qty. 295.88 M2 @ Rs. /M2 Rs.....
(Rupees.....) only.

b) Providing form work of 12mm thick Plywood Board so as to give a rough finish including centering, shattering, strutting and propping etc., height of propping and centering below supporting floor to ceiling

i) Columns, Pillars, Posts & Strut of square/ rectangular

Qty. 540.00 M2 @ Rs. /M2 Rs.....
(Rupees.....) only.

(a) For depth not exceeding 1.0M.

Qty. 259.77 M2 @ Rs. /M2 Rs.....
(Rupees.....) only.

ii) Flat Surfaces such as soffits of suspended floors, roofs, landings

(a) Floors etc. upto 200mm in thickness.

Qty. 1112.25 M2 @ Rs. /M2 Rs.....
(Rupees.....) only.

iii) Staircase with sloping or stepped soffits including risers and stringers but excluding Landing.

Qty. 126.40 M2 @ Rs. /M2 Rs.....
(Rupees.....) only.

Item No.6 : REINFORCEMENT

Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending

a) From Primary Producer: TATA/SAIL/Esser Steel/ Jindal steel/Shyam steel/RINL

(i) TMT Corrosion resistant steel (CRS) reinforcement bar

Qty. 389.17 Qtl @ Rs. /M2 Rs.....
(Rupees.....) only.

Item No.7: R.C.C Works

Providing and laying plain/reinforced cement concrete works cement, coarse sand & 20mm down graded stone aggregate including dewatering if necessary, and curing complete

(I) Using Mixer Machine

(A) In substructure up to plinth level

Foundation, footing, columns with base tie and plinth beam, pile cap, base slab, retaining walls, walls of septic tank

N) Without using admixture, plasticiser

b) M20 grade concrete or Prop. 1:1.5:3

Qty. 172.76 M3 @ Rs. /M3 Rs.....
(Rupees.....) only.

ii) Columns, pillars, posts, struts, suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase

N) Without using admixture, plasticiser

b) M20 grade concrete or Prop. 1:1.5:3

Qty. 129.85 M3 @ Rs. /M3 Rs.....

(Rupees.....) only.

Item No.8: BRICKWORK

a) Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed.

(i) In Sub-structure upto plinth level including dewatering if necessary

Qty. 22.05 M3 @ Rs. /M3 Rs.....

(Rupees.....) only.

b) 1st class brick nogged wall in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to 1st floor level

(A) 112mm thick brick wall

(a) In cement mortar in proportion 1:4.

Qty. 992.78 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.9 : CEMENT PLASTERING

a) 15 mm thick Cement plaster in single coat on single or half brick wall for interior plastering up to 1st floor level including arises, internal rounded angles

B) On fair side

a) In cement mortar 1:3

Qty. 3176.90 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

b) 20 mm thick Cement plaster in two coats on single or half brick walls for interior plastering up to 1st floor level including arises, internal rounded angles

A) On rough side (backing coat 15 mm and finishing coat 5mm thick)

a) In cement mortar 1:3

Qty. 804.15 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

c) 10 mm thick Cement plaster in single coat on fair side of brick/concrete walls for interior plastering up to 1st floor level including arises or rounded angles

a) In cement mortar 1:3

Qty. 685.02 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

A) Extra over item no 6.2.1 to 6.2.3 for plastering on ceiling and soffits of stairs up to 1st floor level

Qty. 685.02 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

B)Extra over item no 6.2.1 to 6.2.3 for exterior plastering over wall up to a height of 1st floor level

a) On Single coat plaster

b) On two coat plaster

Qty. 804.15 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.10 : WOODWORK

a)Providing, fitting and fixing factory made Archidply/ Austin/ Santro Flush door shutters having core & cross bands fabricated from seasoned 1st class timber, 25mm core battens, 2.5mm to 3.5mm uniformly thick cross bands,

(a) 30 mm thick

Qty. 90.72 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

b)Providing wood work in frame (chowkaths) of doors, windows, clerestory windows and other similar works wrought, framed and fixed in position in contact with C.C or brick masonry wall including supplying, fitting and fixing with M.S. hold fast

(a) With sal wood (150 X 75) MM

Qty. 1.83 M3 @ Rs. /M3 Rs.....

(Rupees.....) only.

Item No.11 : ALUMINIUM WORK

a)Providing, fitting and fixing anodised aluminium sliding windows and ventilators of standard sections of approved brand without horizontal glazing bars, joints mitred and welded

(b)3 Track sliding window

(iv) 5 mm clear glass

Qty. 50.40 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

b)Providing, fitting and fixing anodised aluminium windows and ventilators of standard sections of approved brand without horizontal glazing bars joints mitred and welded

a)Side hung and Top hung windows and ventilators

iv) 5 mm clear glass

Qty. 22.50 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.12 : HARDWARE AND FITTINGS

a)Supplying, fitting, fixing anodised aluminium fittings of approved make, resonably smooth, free from sharp edges and corners, flaws and other defects

a) Sliding door bolts

i) 300mm x 16mm

Qty. 30.00 Each @ Rs. /E Rs.....

(Rupees.....) only.

b) Tower bolts

i) 300mm x 12mm

Qty. 70.00 Each @ Rs. /E Rs.....

(Rupees.....) only.

c) Door handles

iii) 150mm

Qty. 35.00 Each @ Rs. /E Rs.....

(Rupees.....) only.

Item No.13 : WALL PUTTY

Providing two coats of J.K Wall Putty (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

Qty. 4666.07 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.14 : PAINTING

a)Wall painting (two coats) with acrylic emulsion paint 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

(a).Acrylic Emulsion Paint approved brand and manufacture

Qty. 3861.92 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

A)Extra over item no 13.4.1 above for every subsequent coat of wall painting with acrylic emulsion paint of approved brand and manufacture

(i).Acrylic Emulsion Paint approved brand and manufacture

Qty. 3861.92 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

B)Extra over item no 13.4.3 above for painting with acrylic emulsion paint of approved brand and manufacture

(i).Acrylic Emulsion Paint approved brand and manufacture

Qty. 685.02 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

b)Applying one self-priming coat of acrylic emulsion coating of Unicem "Rakshak" brand by thinning 1ltrs of paints with 1ltrs of water over freshly plastered wall surface after thoroughly brooming the surfaces free from mortar droppings and other foreign matter

Qty. 804.15 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

c)Finishing wall with two coats of acrylic emulsion exterior coatings of Unicem "Rakshak" brand of required shade by thinning 1ltr. of paint with 750ml of water to give an even shade

Qty. 804.15 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Extra over item no.13.5.2 above for every subsequent coat of acrylic emulsion exterior coatings of Unicem 'Rakshak' brand of required shade.

Qty. 804.15 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.15 : TILES

VITRIFIED TILES A) ON FLOOR

Providing VITRIFIED floor tiles of approved quality of specified size, shape and thickness not less than 18mm on floors, skirtings, risers and treads of steps over 15 mm thick base of cement mortar in prop. 1:3

a) Normal range

Somany/ Orient/Nitco /Varmora/VITA/ Marbito/ Make

ii) Of size 600mmx600mm and above

Qty. 188.85 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

CERAMIC TILES A) ON FLOOR

Providing Ceramic Tiles of approved quality, size, shape and thickness not less than 8 mm on floors, skirtings, treads and risers of steps over cement mortar bed 15 mm thick in prop. 1:3 (

(b)Executive range Somany/ Orient/Nitco/Asian Make

i) Of size 300mmx300mm and above

Qty. 130.87 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

CERAMIC TILES B) ON WALLS

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

a) Normal range

Somany/ Orient/Nitco/Asian Make

ii) Of size 200mmx300mm and above

Qty. 73.75 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

a)ANTISKID TILES

Providing Antiskid Tiles of approved quality size, shape not less than 8mm on floor, skirting over a cement mortar bed 15mm thick of 1:3

(A) CERAMIC

i)Normal range (Sizes 300 mm x 300mm and above)

(a)Orient made: Galaxy Brown, Galaxy crema, Galaxy Pink, Galaxy Green, Pulsar Beige

Qty. 58.07 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.16 : ROOF TRUSS

i)Providing fitting, hoisting and fixing of roof trusses including purlins fabricated using MS circular hollow section conforming to relevant I.S. code, as per approved design and drawings

a) TATA make Circular Hollow section- CHS of Grade YST-310 conforming to I.S. Specification : 1161-1998

Qty. 248.00 Qtl @ Rs. /Qtl Rs.....

(Rupees.....) only.

ii)Providing Pre Painted Galvanized Iron Sheet Roofing (PPGI) at all levels including fitting and fixing with self drilling, self tapping screws complete.

Qty. 1119.15 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

iii) Providing Pre Painted Galvanized Iron Sheet (PPGI) accessories (Ridges / Valley / Gutter /Flashing) at all levels including fitting and fixing self drilling, self tapping screws complete complete.

Qty. 117.85 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.16 : ANTI TERMITE TREATMENT

a) Pre construction anti - termite treatment at the bottom of foundation pits and walls on either side up to a height of 300mm from bottom of the excavation made for column plinth beam, wall, trenches etc. by applying the emulsion

a) with aqueous emulsion having concentration 1:19 with chloropirophose solution (trichel or euivalent) and water, i.e. 1% solution.

Qty. 659.52 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

b) Pre construction anti - termite treatment by applying in the junction of walls, column with the floor before laying floor and after operation of item no. 26.1.3 above making a channel 30mmx30mm all over the walls and making rod holes @ 150mm apart up to ground level below and applying emulsion @ 11 litres per square meter of vertical plinth wall surface inside the building so as to soak the soil with the emulsion up to the ground level and refill the holes and channel with the original materials obtained in making channels

a) with aqueous emulsion having concentration 1:19 with chloropirophose solution (trichel or euivalent) and water, i.e. 1% solution.

Qty. 659.52 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Total = Civil works = Rs.

(B) Water Supply and Sanitary :

Item No.1 : PVC PIPES

Supplying, fitting and fixing PVC pipes of 6 Kg/cm² (Supreme/Prince) or other ISI approved including joining ,fitting and fixing wiyh clamps etc.as necessary complete

a) In exposed surfaces or in trenches.

(i) 160mm dia.

Qty. 55.00 RM @ Rs./RM Rs.....

(Rupees.....) only.

b) Concealed by chiselling or breaking brick wall/C.C./R.C.C and making good to the damages.

Qty. 53.00 RM @ Rs./RM Rs.....

(Rupees.....) only.

Item No.2 : PVC PLAIN BEND

a)Supplying, fitting and fixing 87.5 degree PVC bend of (Supreme/Prince) or other ISI approved including joining ,fitting and fixing etc.as necessary complete

b) Concealed by chiselling or breaking brick wall/C.C./R.C.C and making good to the damages.

(ii) 110mm dia.

Qty. 7.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

b)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

a) In exposed surfaces or in trenches.

(ii) 110mm dia.

Qty. 4.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.3 : 45 DEGREE BEND

a)Supplying fitting and fixing 45degree PVC bend of (Supreme/Prince) or other ISI approved including joining , fitting and fixing etc. as necessary complete

a) In exposed surfaces or in trenches..

(ii) 110mm dia.

Qty. 4.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

b)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

a) In exposed surfaces or in trenches..

(ii) 110mm dia.

Qty. 6.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

c)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

a) In exposed surfaces or in trenches..

(i) 160mm x 110 mm

Qty. 4.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

d) 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

Qty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.4 : CPVC PIPES

Providing and fixing Chlorinated Polyvinyle Chloride (CPVC) Pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing

(B) Concealed pipe with cutting chases & making good the walls

b) 20 mm nominal outer dia pipe

Qty. 170.00 RM @ Rs./RM Rs.....

(Rupees.....) only.

Item No.5 : SINK COCK

Providing and fixing Chlorinated Polyvinyle Chloride (CPVC) Pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing

GROHE brand

Sink Cock Wall Mounted. Cat No-31225000 make Chrome Plated (CP) sink Cock.

Qty. 4.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.6 : BIB COCK

Supplying fitting and fixing C.P. bib cock 15mm dia of approved brand as directed and specified.

Jaquar make

(a) Continental / Clarion

(i) Standard

Qty. 10.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.7 : STOP COCK

Supplying fitting and fixing chrome plated (C.P.) stop-cock of approved brand and size as mentioned below as directed and specified.

Jaquar

(a) Continental / Clarion

(ii) 15mm dia(Angular stop cock)

Qty. 28.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.8 : CPVC PIPES

Providing and fixing Chlorinated Polyvinyle Chloride (CPVC) Pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing

(B) Concealed pipe with cutting chases & making good the walls

c) 25 mm nominal outer dia pipe

Qty. 185.00 RM @ Rs./RM Rs.....

(Rupees.....) only.

Item No.9 : EUROPEAN TYPE WATER CLOSET

Providing fitting and fixing Vitreous china wall hang 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

a) Parryware make

(ii) Cardiff walvit Pan set (inclusive of seat cover and fittings)

(white/coloured) (Cat. No. C0264/C8112)

Qty. 4.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.10 : CONCEALED CISTERN

Supplying, fitting and fixing concealed cistern with all internal fittings with CI brackets including fitting and fixing standard size CP flush pipe, union clamps etc. compete as directed

A) Parryware make

(i) Rios with Chrome Push Plate (Cat no.8174/ Cat. No.C813726)

Qty. 4.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.11 : URINAL

Providing fitting and fixing vitreous china flat back type lipped front urinal basin of with automatic flushing cistern with standard flush pipe and CP brass spreader and brass unions, etc. complete

A) Parryware make

a) White

(ii) Integrated EFS-AC with power source (Cat No.C8097) / Integrated EFS- DC (Cat No.C8098)

Qty. 3.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.12 : SQUATTING PLATE URINAL

Renewing vitreous china squatting plate urinal with automatic flushing cistern with standard flush pipe and CP brass spreader and brass unions, etc. complete including painting

(A) Parryware Make

(i) White (Cat. No. C0503)

Qty. 4.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.13 : DIVISION PLATE

Supplying fitting and fixing vitreous china division plate including fitting and fixing compete as directed and specified.

(ii) Hindware Make

(a) White

(ii) New Division Plate (Cat. No.61005)

Qty. 9.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.14 : BASIN MIXER

Supplying, fitting and fixing Chrome Plated (C.P.) basin mixer complete as directed.

GROHE make Single - Lever Basin Mixer

a) Grohe BauFlow Single lever basin mixer with out popup Cat no-32851000

i) Central hole basin mixer Cat No.1100

Qty. 11.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.15 : COUNTER TOP BASIN

Providing vitreous China counter top wash basin of size 550mmX410mm 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

(B) Hindware Make

(a) White

(iv) Topaz (Cat. No.91028)

Qty. 9.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.16 : COWEL

Providing fitting and fixing PVC cowel of ISI make complete as directed and specified.

(iv) 75mm dia. PVC cowel of ISI make

Qty. 4.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.17 : GRATING

Providing fitting & fixing C.I. Grating to the floors complete as directed and specified.

C.P. Grating

(ii) 110mm dia

Qty. 13.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.18 : MIRROR

Providing fitting and fixing Decorative Mirror complete as directed and specified.

(A) Parryware Make

(a) Size 800mm x 600mm

Qty. 9.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.19 : ROBE HOOK

Providing, fitting and fixing Chrome Plated robe hook complete as directed and specified.

(b) Agmeco make

(i) Cubin (Cat. No.CB-00211)

Qty. 4.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.20 : SOAP TRAY,SOAP DISH,LIQUID SOAP DISPENSER AND LIQUID SOAP CONTAINER, TOWEL RAIL, TOWEL RING AND TOILET PAPER HOLDER

a)Providing, fitting and fixing CP soap tray / soap dish complete as directed and specified.

(ii) Agmeco Make

(a) Cubin (Cat. No.CB-00102)

Qty. 15.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

b)Providing, fitting and fixing Liquid soap dispenser and liquid soap container complete as directed and specified.

(ii) Agmeco Make

(a) Liquid soap container Capsule Type (Cat.No.LSC-0001)

Qty. 14.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

c)Providing, fitting and fixing CP towel rail complete as directed and specified.

(a) Jaquar make

i) Continental 300mm for wash basin (Cat.No. ACN-1101N)

Qty. 10.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

d)Providing, fitting and fixing Chrome Plated towel ring complete as directed and specified.

(a) Jaquar make

(i) Continental towel ring square (Cat.No. ACN-1121)

Qty. 19.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

e) Providing, fitting and fixing Chrome Plated TOILET PAPER holder complete as directed and specified.

(a) Jaquar make

(i) Continental toilet paper holder (Cat.No. ACN-1151N)

Qty. 6.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.21 : TUMBLER HOLDER,PASTE AND BRUSH HOLDER

a) Providing, fitting and fixing Chrome Plated tumbler holder complete as directed and specified.

(a) Jaquar make

(i) Continental (Cat.No. ACN-1141N)

Qty. 4.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

b) Providing, fitting and fixing Chrome Plated brush holder complete as directed and specified.

(a) Jaquar make

(i) Continental (Cat.No. ACN-1141N)

Qty. 4.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.22 : WASTE COUPLING

Providing, fitting and fixing Chrome Plated waste coupling complete as directed and specified.

(a) Jaquar Make

(i) 32mm (HT/FT) (Cat.No.ALD-705 / 709)

Qty. 16.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.23 : DRAIN BOARD

Providing fitting & fixing white vitreous glazed drain board of Hindware make Size (530x450) of Hindware (Cat.No.51001) including painting of brackets complete.

Size (530x450) of Hindware (Cat.No.51001)

Qty. 4.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.24 : DRAIN BOARD

Supplying, fitting and fixing Kitchen chimney including water proof ply board, plain sheet, decorative prelaminate sheet, nail, fevicol, dendrite, wooden beading etc.as required complete as specified and directed by the department.

Qty. 3.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.25 : (N/S) HEALTH FAUCET

Supplying, fitting and fixing chrome plated health faucet as directed and specified

Qty. 4.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Total Sanitary & Water Supply works = Rs.

(B) Electrical works :

Item No.1 : Wiring for light/ fan/ call bell point with 2x1.5 sq mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) with flat 19 mm ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.)

Medium point up to 6.00 metre. Length.

Qty. 34.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Long point up to 10.00 metre. Length.

Qty. 156.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.2 : Supplying and fixing 18 S.W.G sheet steel metal boxes of the following sizes in surface Wiring system with suitable size of 3 mm thickness phenolic laminated sheet cover on the front face of the boxes including painting etc. as required and specified by the department.

100 mm x 100 mm x 60 mm deep (Nominal size

Qty. 3.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

100 mm x 175 mm x 60 mm deep (Nominal size

Qty. 1.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

200 mm x 150 mm x 60 mm deep (Nominal size

Qty. 9.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

200 mm x 250 mm x 60 mm deep (Nominal size

Qty. 14.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.3 : Wiring for 5/6 pin 16 Amps power plug point with 4 sq. mm. P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) with flat 19 mm ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.)

Medium point up to 6.00 metre. Length.

Qty. 8.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Long point up to 10.00 metre. Length.

Qty. 23.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.4 : Wiring to 5 a pin 6 Amps plug point with 1.5 sq. mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.)

i)Medium point up to 6.00 metre. Length.

Qty. 10.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

ii) Long point up to 10.00 metre. Length.

Qty. 12.00 Nos. @ Rs. /Each Rs.....

(Rupees.....) only.

Item No.5 : Supplying and fixing of Switch/Socket flush type (Anchor Penta PC CHERRY /Gold medal /Kolor kany.kom/Havells or equivalent make as approved by the Deptt.) on the existing PVC/ MS board including connection as approved by the Deptt.) complete as required.

Qty. 226.00 Nos. @ Rs. /Each Rs.....

(Rupees.....) only.

Item No.6 : FAN

a) Supplying including fitting fixing of following A.C. Ceiling fan complete with all accessories like down rod, canopy etc. of following sweeps with making necessary connection as approved by the Deptt.)

Premium model 1200 mm Sweep (ORIENT PSPO make) / Premium model 1050 / 1200 mm Sweep SS-390 Deco Havells make)

Qty. 51.00 Nos. @ Rs. /Each Rs.....

(Rupees.....) only.

b) Supplying and fixing of Fan box (AKG or equivalent as approved by the Deptt.) with inbuilt rod as required.

Qty. 51.00 Nos. @ Rs. /Each Rs.....

(Rupees.....) only.

c) (Non Schedule) Supply & Fitting of Fan regulator

Qty. 51.00 Nos. @ Rs. /Each Rs.....

(Rupees.....) only.

d) Supplying including fitting fixing of following A.C. Wall fan in the wall of following sweeps with making necessary connection as approved by the Deptt.)

(CROMPTON /ORIENT/Havells/USHA or equivalent make)

Tornado Wall with metal blade 450 mm sweep

Qty. 29.00 Nos. @ Rs. /Each Rs.....

(Rupees.....) only.

Item No.6 : MCB, MCCB, RCCB, RCBO (ABB, SCHNEIDER MG, LEGRAND, AND HAGER MAKE) & (SCHNEIDER NEO BREAK, C&S, Havells, INDO ASIAN, HPL OR EQUIVALENT MAKE AS PPROVED BY THE DEPTT.)

Supplying with fitting and fixing single Pole 10 KA 240/415V 50Hz MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.

B Series

(Schneider MG, legrand, Hager make)

6 to 32A

Qty. 65.00 Nos. @ Rs. /Each Rs.....

(Rupees.....) only.

Item No.6 : MCCB

Supplying with fitting and fixing panel mounting open execution 25 KA 415V 50Hz 3P MCCB (Ics=Icu, adjustable Ir setting 0.7) without enclosure of the following capacity complete with making necessary connection as approved by the Deptt.

25 KA 415V 50 Hz 3P MCCB

(Schneider, legrand, Siemens make)

63A

Qty. 6.00 Nos. @ Rs. /Each Rs.....

(Rupees.....) only.

Item No.7 : MCB DB

Supplying with fitting and fixing sheet steel, phosphatised, powder painted dust & vermin proof Double door IP-43 double door surface mounting vertical TPN MCB DB incorporated with bas-bar 125A, Neutral link, Earth bar and din rail etc fitted on wall with grouting nuts & bolts as reqd.

ABB, Schneider MG, legrand, Hager make)

12 way TPN (8+36) double door

Qty. 5.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.8 : PANEL BOARD

Supplying including installation, testing and commissioning of Readymade Panel board conforms to IS : 8623, IEC : 60439 made of Phosphatised powder painted wall mounting type complete with Ana log meter module cable Alley both LHS and RHS, Copper Bus bar, Din Rail, Neutral Bar, Earth Bar etc.

1. Panel Board up to 250A to 400 A Incomer, O/G FP MCCBs

2. Meter Module- Digital (Provision for Ammeter, Voltmeter, Selector Switch, Control Fuses, Indicating lights, MCBs etc.

3. cable Alley 12 Way for incoming 250A

(Incoming and Outgoing MCCB of reqd. rating will be measured and paid separately)

Qty. 1.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.9 : CHANGE OVER

Supplying with fitting and fixing Four Pole 415V Front handle operated On Load Change over switch (IP-20 protection powder painted sheet steel enclosure fitted on angle iron frame of the following capacity C&S, Havells, Indo Asian, HPL, GECO make)

400A

Qty. 1.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.10 : Supplying with fitting and fixing sheet steel, phosphatised, powder painted dust & vermin proof reversible Double door IP-43 double door surface mounting horizontal TPN MCB DB incorporated with bas-bar, Neutral link, Earth bar and din rail etc fitted on wall with grouting nuts & bolts as reqd. complete

ABB, Schneider MG, legrand, Hager make)

12 way TPN (8+36) double door

Qty. 1.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.11 : Supply, installation & testing of G.I. earth station with perforated 40 mm dia and 4.50 Metre long heavy duty G.I. pipe with necessary 40 mm dia. G.I. Fittings such as Socket, Tee, elbow, nipple and 50 mmx40 mm G.I. reducing socket for funnel including locking arrangement 300 mmx300 mmx6 mm hinged cover C.I. earth plate complete

Qty. 12.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.12 : Sleek Extruded Aluminium Channel type luminaries complete with ribbed extruded diffuser & aqua coloured flushed end caps and Electronic ballast with 1 X 36 watt Fluorescent tube.(Crompton Greaves make)

Qty. 92.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.13 : Wiring for drawing sub-main line with P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.)

i)With 2 x 2.5 sq. mm. + earth continuity with 1x1.5 sq. mm. in flat 19 mm ISI marked casing 'n' capping system.

Qty. 480.00 M @ Rs./RM Rs.....

(Rupees.....) only.

ii)With 2 x 4 sq. mm. + earth continuity with 1x2.5 sq. mm. cable in flat 19 mm ISI marked casing 'n' capping system.

Qty. 675.00 M @ Rs./RM Rs.....

(Rupees.....) only.

iii)With 3 x 6 sq. mm. + earth continuity with 2x 4 sq. mm. cable in flat 25 mm ISI marked casing 'n' capping system.

Qty. 350.00 M @ Rs./RM Rs.....

(Rupees.....) only.

Item No.14 : Supplying including fitting fixing of following A.C. Exhaust fan in the existing hole on the wall of following sweeps with making necessary connection as approved by the Deptt.)as required complete Power Flow 225 mm sweep (ORIENT make)

Qty. 10.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.15 : FLOOD LIGHTS

MVC 502 1 X MHNTD-150W Phillips make) floodlight luminaries with Cast Aluminium housing & toughened glass cover including separate CG box. Or equivalent (Equivalent will be selected by the deptt considering the mother items rate)

Qty. 14.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.16 : TELEPHONE

Supplying, fitting and installation of Telephone points

Qty. 5.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.17 : U. G. CABLE AND CABLE WORKS

Supply and laying of following size PVC/XLPE insulated and PVC sheathed 1.1 KV G Solid Aluminium conductor up to 10 sq mm balance stranded conductor, XLPE Insulated, cores laid up, PVC tape inner sheathed, Armour (Aluminium for single core up to 70 sq mm balance Aluminium strip, Galvanised for cables up to 2x10 sq mm,3x10 sq mm,4x6 sq mm balance all galvanised steel strip) , extruded PVC Type ST2 sheathed, 650/1100V grade as per IS 7908(Part 1)

Qty. 65.00 M @ Rs./RM Rs.....

(Rupees.....) only

Total = Electrical works = Rs.

Yours faithfully,
(Signature of Contractor)

Name in full _____

Address in full _____

Regd. No. _____

Mobile No.....

DIRECTORATE OF PHYSICAL PLANT; A.A.U: JORHAT**TENDER NOTICE**

Sealed tenders in prescribed forms subsequently to be drawn up in F-2 forms are invited from interested eligible AAU registered contractors/Firms for the following works and will be received in the office of the undersigned at AAU Jorhat/Khanapara **up to 2.00 P.M. on 22.08.17** The tenders will be opened **on same day at 3.00 P.M.** in presence of intending tenderers or their representatives in the office of the undersigned. If the office happens to be closed on the dates of receiving and opening of Tenders as specified above, the Tenders will be received and opened on the next working day(s) at the same time and venue.

| S.L NO | Name of Work | Estimated Cost (in Rs) | Earnest money(in Rs) | Cost of Tender Document (in Rs) | Time of Completion |
|--------|--|------------------------|----------------------|---------------------------------|--------------------|
| 1. | Construction of Canteen Cum Indoor stadium at BNCA | 1,54,06,874.00 | 3,08,137.00 | 1000.00 | 12 Months |
| 2. | Construction of different Developmental Works at BNCA (Administrative Building with Class rooms, Library Building and Strengthening and Renovation of Old Boundary Wall) | 5,95,73,997.00 | 11,91,480.00 | 3000.00 | 18 Months |

The item wise rates are to be quoted both in figures and in words. The tenderers must mention the name of work on the body of envelop and in the tender.

The cost of the Tender Documents is to be deposited in the shape of A/C payee Demand Draft of a Nationalized Bank to be drawn in favour of the Director of Physical Plant, AAU, Jorhat-13 or in cash receipt which is non-refundable. The Tender Documents may be obtained from the office of the undersigned at AAU Jorhat/Khanapara **w.e.f. 16.08.17 to 19.08.17** during office hours on deposit of its cost. The tender documents may also be down loaded from the AAU's Web Site www.aau.ac.in in which case the cost of the tender documents in the shape of A/C payee Demand Draft must be deposited along with the tender.

All sealed tenders should be accompanied with the requisite (1) Earnest Money 2% in the shape of CDR/FDR of any Nationalized Bank duly pledged to the Director of Physical Plant, Assam Agril.University, Jorhat, (2) Copy of Registration Certificate, (3) Copy of PAN Card (4) Copy of Registration Certificate under VAT/GST (5) Copy of Work Completion Certificate of similar nature of single work issued by competent authority not below the rank of Executive Engineer (6) Copy of Govt. Electrical Licence (7) Copy of Labour Registration Certificate, without which the tender will not be considered to be qualified.

No store materials and tools and plants will be issued from the Departmental store. The work must be carried out as per the specification and direction of the Department. Details may be seen in the office of the undersigned during office working hours.

The Authority reserves the right to accept or reject all or any Tender without assigning any reason thereof.

Sd/-

Director of Physical Plant
Assam Agril. University,
Jorhat-13.

Memo.No. 01/2274/DPJ/2017-18/1360-65 dt. 9-8-17

INSTRUCTION TO TENDERERS

1. Intending Contractors must submit their Tenders in the prescribed Tender Document as mentioned in the Tender Notice. The intending Contractor who desires to submit Tenders on the Tender Documents down loaded from the Web Site must deposit the cost of Tender Document in the shape of A/C Payee Demand Draft along with their Tender.
2. Tenderer must deposit the requisite Earnest Money as per NIT. No transfer of Earnest Money will be considered.
3. Tenderer must submit copy of (1) Earnest Money 2% in the shape of CDR/FDR of any Nationalized Bank duly pledged to the Director of Physical Plant, Assam Agril.University, Jorhat, (2) Copy of Registration Certificate, (3) Copy of PAN Card (4) Copy of Registration Certificate under VAT Act. (5) Copy of Work Completion Certificate of similar nature of single work issued by competent authority not below the rank of Executive Engineer (60 % of the work) (6) Copy of Labour Registration Certificate, (7) Copy of up to date Govt. Electrical Licence without which the tender will not be considered to be qualified. All photocopies submitted should be attested.
4. Tenderer must be submitted workers registration certificate from competent authority at the time of agreement, under sub section (3) of Section 7 of the Building and other Construction workers.
5. In case of civil work where electrical works are also included, Tenderer must submit copy of valid electrical license either in his own name or in the name of sub-contractor whichever is applicable.
6. In case of civil work where electrical works are also included, Tenderer must submit copy of valid Electrical licence either in his own name or in the name of sub contractor whichever is applicable.
7. The firms submitting Tender must enclose copy of Power of Attorney authorizing the person to operate the contract and a copy of the constitution of the firm. In case of sole proprietary firm, a copy of Affidavit regarding ownership of the firm must be submitted.
8. Tenderer must attest all the documents personally by himself. The documents to be submitted by Tenderer in support of his Tender are subject to our verification. If any document submitted by a Tenderer is found to be false on verification, the tenderer will be held responsible and his Earnest Money will be forfeited.
9. No Tender will be allowed to be withdrawn after opening its sealed cover.
10. Tenderer must quote their rates both in figures and in words for all types of works mentioned in the Tender Document. Incomplete Tender will be considered as Irregular Tender.
11. Every correction on the Tender Paper must be supported by signature of the Tenderer before submission.
12. Tender incorporating any condition will be rejected.
13. Tender must be properly sealed in an envelope super scribing the name of work and duly addressed to the undersigned.
14. No Tenderer will be allowed to withdraw their Earnest Money for their unsuccessful tenders until the work order is finally issued.
15. The Contract must not be sublet except for electrical works which are combined with civil works and specified in the Tender Document. No power of attorney in any form will be accepted.
16. The department will not make any correspondence/transaction with other person/agency concerning the work.
17. The rate quoted by Tenderer should be inclusive of all taxes/duties currently imposed/to be imposed by the Govt till completion of the work.
18. The successful Tenderer shall have to deposit Performance Security @ 2 % on the total Tender Value in the shape of CDR/FDR/Bank Guarantee of a Nationalised Bank at the time of signing the formal Tender Agreement. If the Tenderer fails to complete the work within the stipulated time, his Performance Security shall also be forfeited.
19. The Tender will be valid for 180 days.
20. The work must be completed within the stipulated time. Penalty shall be imposed for the delayed period as per terms of the Contract Agreement.
21. The Contractor must use Rig and Compressor in installation of Deep Tube Well works.
22. The Instruction to Tenderers shall be part of NIT. The Terms and conditions mentioned in the NIT as well as in the Instruction to Tenderers and F-2 Form shall together form part of and parcel of the Contract Agreement
23. The item of work not covered by the schedule of items mentioned in the Tender Document, which are required to be done during execution, must be executed by the Tenderer as per analyzed rates to be approved by the Department.

24. The Tenderer must comply with all the terms and conditions of the Labour Laws currently in force.
25. The Tenders may be accepted in part also. The Authority reserves the right to accept or reject any tender without assigning any reason thereof.
26. The Tenderers must mention their telephone number and correct postal address in full. Otherwise, the tender will not be accepted for allotment.
27. The Tenderer may inspect the concerned Drawing, Site, F-2 Agreement Form etc. of the work before submission of the Tender.
26. Forest royalty will be deducted against the forest items unless proof of deduction at source indicated.
27. Works below 25.00 lakhs no running bill will be entertained.

Sd/-
Director of Physical Plant
Assam Agricultural University
Jorhat-13

Signature of the Contractor.

DIRECTORATE OF PHYSICAL PLANT : JORHAT-785013.

(PRESCRIBED TENDER FORM)

NIT Memo No. 01/2274/DPJ/2017-18/1360-65 dt. 9-8-17.

**Name of work: Construction of different Developmental Works at BNCA
(Administrative Building with Class rooms, Library Building
and Strengthening and Renovation of Old Boundary Wall)**

ESTIMATED COST **Rs. 5,95,73,997.00**

EARNEST MONEY..... **Rs. 11,91,480.00**

Time of completion **18 (eighteen) Months**

DATE OF SUBMISSION OF TENDER Upto 2.00 P.M. on **22-08-17.**

To

The Director of Physical Plant,
Assam Agricultural University,
Jorhat-13.

Sub.: Submission of Tender.

Sir,

I/We offer my/our tender to execute the above mentioned work as per my/our rate for item of works as quoted, enclosed herewith.

Yours faithfully,

(Signature of the Contractor)

Name in Full.....

Address in Full

.....

(Mobile No.....)

Name of work :- Construction of Administrative Building at BNCA

(A) Civil works :

Item No.1: EXCAVATION

Earthwork in excavation for foundation trenches of wall, footing of column. i/e refilling the Qnty. after completion of work, breaking clods in return filling dressing, watering ramming etc. Complete

(A) Up to a depth of 2.00m below the existing ground level.

(a) In ordinary soil

Qnty. 540.00 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

Item No.2: SOLING

Providing 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

Qnty. 1525.00 M2 @ Rs./M2 Rs.....

(Rupees.....) only.

Item No.3: FILLING

Earth/ sand filling in plinth in layers not more than 150mm thick including necessary carriage, watering, ramming etc. complete as directed and specified

(a) With earth or silt or sand obtained by head load with lead upto 90m and lift upto 2m

Qnty. 838.00 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

Item No.4 : PCC

Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc. as directed and specified including dewatering if necessary

In prop 1cement: 3 sand :6 coarse aggregate by volume

Qnty. 82.00 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

Item No.5: R.C.C Works

Providing and laying plain/reinforced cement concrete works cement, coarse sand & 20mm down graded stone aggregate including dewatering if necessary, and curing complete

(I) Using Mixer Machine

(A) In substructure up to plinth level

Foundation, footing, columns with base tie and plinth beam, pile cap, base slab, retaining walls, walls of septic tank

N) Without using admixture, plasticiser

b) M20 grade concrete or Prop. 1:1.5:3

Qnty. 140.00 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

(B) In superstructure from plinth level to first floor level :

ii) Columns, pillars, posts, struts, suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase

N) Without using admixture, plasticiser

b) M20 grade concrete or Prop. 1:1.5:3

Qnty. 337.00 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

(C) Extra over item no. 5(b) work First floor level to Second floor level

i)Columns,pillars,posts,struts,suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase

Qty. 112.00 M3 @ Rs. /M3 Rs.....

(Rupees.....) only.

(D) Extra over item no. 5(b) work in Second floor level

i)Columns,pillars,posts,struts,suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase

Qty. 3.00 M3 @ Rs. /M3 Rs.....

(Rupees.....) only.

Item No.6: FORMWORK

Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc., height of propping and centeringIn prop 1cement: 3 sand :6 coarse aggregate by volume

(A) In sub-structure up to plinth level

i)Foundation, footings, bases of columns, pile cap, raft and mass

(b) Using 25mm thick plank

Qty. 390.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

ii)Sides of tie beams, grade beams etc. at or below ground level.

(b) Using 25mm thick plank

Qty. 566.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

B)In super structure from plinth level to first floor level :

a)Square, ractangular, polygonal in plan or any shape like Tee/ L etc. having plane vertical face

Using 25mm thick plank

Qty. 534.0M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

b)Sides & soffits of beams, beam haunching, cantilever, girder, bressumers,lintel and horizontal ties

Flat surface such as soffits of suspended floors, roofs, landings, cantilever slabs, chajjas, balconies

Using 38mm thick plank

Qty. 1035.0M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

c)Flat surface such as soffits of suspended floors, roofs, landings, cantilever slabs, chajjas, balconies

Using 25mm thick plank

Qty. 1133.0M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Staircase with sloping or stepped soffits including risers and stringers but excluding landing

Using 38mm thick plank

Qty. 72.0M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

C) Extra over item no. 6(b) work First floor level to Second floor level

i) Square, ractanangular, polygonal in plan or any shape like Tee/ L etc. having plane vertical face
Using 25mm thick plank

Qty. 230.0M2 @ Rs. /M2 Rs.....
(Rupees.....) only.

ii) Sides & soffits of beams, beam haunching, cantilever, girder, bressumers, lintel and horizontal
Using 38mm thick plank

Qty. 410.0M2 @ Rs. /M2 Rs.....
(Rupees.....) only.

iii) Flat surface such as soffits of suspended floors, roofs, landings, cantilever slabs, chajjas, balconies
Using 25mm thick plank

Qty. 267.0M2 @ Rs. /M2 Rs.....
(Rupees.....) only.

iv) Staircase with sloping or stepped soffits including risers and stringers but excluding landing
Using 38mm thick plank

Qty. 36.0M2 @ Rs. /M2 Rs.....
(Rupees.....) only.

D) Extra over item no. 6(b) work in Second floor level

i) Columns, pillars, post
Square, ractanangular, polygonal in plan or any shape like Tee/ L etc. having plane vertical face
Using 25mm thick plank

Qty. 11.0M2 @ Rs. /M2 Rs.....
(Rupees.....) only.

ii) Sides & soffits of beams, beam haunching, cantilever, girder, bressumers, lintel and horizontal
Using 38mm thick plank

Qty. 19.0M2 @ Rs. /M2 Rs.....
(Rupees.....) only.

Item No.7 : REINFORCEMENT

Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/
R.B. walling including straightening, cleaning, cutting and bending

a) From Primary Producer: TATA/SAIL/Esser Steel/ Jindal steel/Shyam steel/RINL

A) Upto first floor level

(i) TMT Corrosion resistant steel (CRS) reinforcement bar

Qty. 550.00 Qtl @ Rs. /M2 Rs.....
(Rupees.....) only.

B) Extra over item no. 7(a) work First floor level to Second floor level

(i) supar Ductale (SD) TMT reinforcement bar

Qty. 179.00 Qtl @ Rs. /M2 Rs.....
(Rupees.....) only.

C) Extra over item no. 7(a) work in Second floor level

(i) supar Ductale (SD) TMT reinforcement bar

Qnty. 11.00 Qtl @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.8 : ANTI TERMITE TREATMENT

a)Pre construction anti - termite treatment by applying in the entire levelled area after plinth filling and before laying floor by applying the emulsion @ 5 (five) litres per square meter of the surface to be spread with light rodding so as to ensure proper absorption by the filled up earth

Qnty. 847.00M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

b)Treatment at points of contact of wood work by aqueous emulsion having concentration 1:19 with chloropiropose solution (trichel or equivalent) and water @ 0.5 litres per hole by drilling 6mm dia holes at downward angle of 45 degree at 150m centre to centre and sealing the same.

Qnty. 216.00M @ Rs. /RM Rs.....

(Rupees.....) only.

Item No.9: BRICKWORK

A) 230 mm thick

a) Brick work in cement mortar 1:4 (1cement : 4 medium sand) with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed in substructure up to plinth level.

Qnty. 103.00 M3 @ Rs. /M3 Rs.....

(Rupees.....) only.

b) Brick work in cement mortar 1:4 (1cement : 4 medium sand) with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed in superstructure from plinth level up to first floor level.

Qnty. 104.00 M3 @ Rs. /M3 Rs.....

(Rupees.....) only.

c) 115 mm thick 1st class brick nogged wall in cement mortar 1:4 (1 cement :4 medium sand) including racking out joints and curing complete as directed in super structure from plinth level to first floor level

Qnty. 1110.00M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

B) Extra over item no. 10(b) work First floor level to Second floor level

a) Brick work in cement mortar 1:4 (1cement : 4 medium sand) with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed.

Qnty. 28.00M3 @ Rs. /M3 Rs.....

(Rupees.....) only.

b) 115mm thick

15 mm thick 1st class brick nogged wall in cement mortar 1:4 (1 cement :4 medium sand) including racking out joints and curing complete as directed in super structure (protruding M.S. rod/Tor steel of column to be embeded in cement mortar and will be measured and paid separately)

Qnty. 495.00M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

C) Extra over item no. 10(b) work in Second floor level

- a) Brick work in cement mortar 1:4 (1cement : 4 medium sand) with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed.

Qnty. 18.00M3 @ Rs./M3 Rs.....

(Rupees.....) only.

115mm thick

- b) 115 mm thick 1st class brick nogged wall in cement mortar 1:4 (1 cement :4 medium sand) including racking out joints and curing complete as directed in super structure (protruding M.S. rod/Tor steel of column to be embedded in cement mortar and will be measured and paid separately)

Qnty. 8.00M2 @ Rs./M2 Rs.....

(Rupees.....) only.

Item No.10: CHOWKATH

Providing wood work in frame (Chowkats) with sal wood of door and other simmlar work wrought, framed and fixed in position in contact with cc or brick wall including supplying, fitting and fixing with M.S. hold fast (40mm x 3mm x 250mm) as per design embeded in cement concrete block in proportion 1:2:4

Qnty. 3.30M3 @ Rs./M3 Rs.....

(Rupees.....) only.

Item No.11 : PLASTERING WORK

a) INTERNAL PLASTERING

15 mm thick Cement plaster in single coat on single or half brick wall for interior plastering up to 1st floor level including arises, internal rounded angles

B) On fair side

- a) In cement mortar 1:4

Qnty. 2140.00 M2 @ Rs./M2 Rs.....

(Rupees.....) only.

b) EXTERNAL PLASTERING

15mm thick cement plaster in mortar 1:4 (1 cement : 4 medium sand) in single coat on fair side of brick/ concrete walls for interior plastering up to 1st floor level including arrises, internal rounded angles, chamfers and not exceeding 80mm in girth and finished even and smooth including curing complete and as directed.

Qnty. 1390.00 M2 @ Rs./M2 Rs.....

(Rupees.....) only.

c) CEILING PLASTERING

15mm thick cement plaster in mortar 1:4 (1 cement : 4 medium sand) in single coat on ceiling and soffits of stairs up to 1st floor level including arrises, internal rounded angles, chamfers and not exceeding 80mm in girth and finished even and smooth including curing complete and as directed

Qnty. 1133.00 M2 @ Rs./M2 Rs.....

(Rupees.....) only.

i) Extra over item no. 12 work First floor level to Second floor level

a) INTERNAL PLASTERING

15mm thick cement plaster in mortar 1:4 (1 cement : 4 medium sand) in single coat on fair side of brick/ concrete walls for interior plastering including arrises, internal rounded angles, chamfers and not exceeding 80mm in girth and finished even and smooth including curing complete and as directed.

Qnty. 840.00 M2 @ Rs./M2 Rs.....

(Rupees.....) only.

b) EXTERNAL PLASTERING WORK

15mm thick cement plaster in mortar 1:4 (1 cement : 4 medium sand) in single coat on fair side of brick/ concrete walls for interior plastering including arrises, internal rounded angles, chamfers and not exceeding 80mm in girth and finished even and smooth including curing complete and as directed.

Qty. 600.00 M2 @ Rs./M2 Rs.....

(Rupees.....) only.

c) CEILING PLASTERING

15mm thick cement plaster in mortar 1:4 (1 cement : 4 medium sand) in single coat on ceiling and soffits of stairs including arrises, internal rounded angles, chamfers and not exceeding 80mm in girth and finished even and smooth including curing complete and as directed. G PLASTERING

Qty. 267.00 M2 @ Rs./M2 Rs.....

(Rupees.....) only.

ii)Extra over item no. 12 work in Second floor level

a) INTERNAL PLASTERING

15mm thick cement plaster in mortar 1:4 (1 cement : 4 medium sand) in single coat on fair side of brick/ concrete walls for interior plastering including arrises, internal rounded angles, chamfers and not exceeding 80mm in girth and finished even and smooth including curing complete and as directed.

Qty. 36.00 M2 @ Rs./M2 Rs.....

(Rupees.....) only.

b) EXTERNAL PLASTERING WORK

15mm thick cement plaster in mortar 1:4 (1 cement : 4 medium sand) in single coat on fair side of brick/ concrete walls for interior plastering including arrises, internal rounded angles, chamfers and not exceeding 80mm in girth and finished even and smooth including curing complete and as directed

Qty. 200.00 M2 @ Rs./M2 Rs.....

(Rupees.....) only.

Item No.12 : ALUMINIUM DOOR

Providing, fitting and fixing anodized aluminium framed glazed doors with anodized aluminium frame made of 100mm x 45mm x 2.50mm section of approved brand (HINDALCO/NALCO/BALCO/JINDAL/Other equivalent primary producer) with door style of size 88mm x 45mm x 2.5mm, top rail 50mm x 45mm x 2mm, lock rail 100mm x 45mm x 2mm, bottom rail 100mm x 45mm x 2.5 mm with 6mm clear glass

Qty. 25.00 M2 @ Rs./M2 Rs.....

(Rupees.....) only.

Item No.13 : ALLUMINIUM WINDOW & VENTILATOR

A)Providing, fitting and fixing anodised aluminium windows and ventilators of standard sections f approved brand(HINDALCO/NALCO/BALCO/JINDAL/Other equivalent primary producer)without horizontal glazing bars joints mitred and welded (manufactured to relevant IS specifications) fitted with 6mmx 3.15mm lugs 100mm long embedded in C.C. blocks 150mm x 100mm x 100mm in 1:3:6 mix including providing and fixing handles,frictions stays, joining cleat, bolting device, locking arrangements, spring catch as required complete as directed and specified at all levels

a) Side hung and top hung windows and ventilators with 6mm clear glass

Qty. 10.00 M2 @ Rs./M2 Rs.....

(Rupees.....) only.

b) Fixed windows and ventilators with 6mm clear glass.

Qty. 10.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

B) Providing, fitting and fixing anodized aluminium sliding windows and ventilators of standard sections of approved brand (HINDALCO/NALCO/BALCO/JINDAL/Other equivalent primary producer) without horizontal glazing bars joints mitred and welded

a) 2 Track sliding window with 6mm clear glass

Qty. 135.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

c) 3 Track sliding window with 6mm clear glass

Qty. 87.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.14 : SINGLE LEAF FLUSH DOOR

Providing, fitting & fixing factory made exterior type fully pannelled single door shutters of approved brand conforming to relevant to relevant I.S code having kiln seasoned and vacuum pressure treated Hollock /Bonsum/Sundi rail and styles with panel of Anchore brand 12mm thick veneed Teak wood particle board bonded with phenol-formaldehyde synthetic resin adhesive conforming to relevant I.S. code

Qty. 77.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.15 : DOUBLE LEAF FLUSH DOOR

Providing, fitting & fixing factory made exterior type fully pannelled Double door shutters of approved brand conforming to relevant to relevant I.S code having kiln seasoned and vacuum pressure treated Hollock /Bonsum/Sundi rail and styles with panel of Anchore brand 12mm thick veneed Teak wood particle board bonded with phenol-formaldehyde synthetic resin adhesive conforming to relevant I.S. code

Qty. 9.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.16 : HARDWARE AND FITTINGS

Supplying, fitting, fixing anodised aluminium fittings of approved make, reasonably smooth, free from sharp edges and corners, flaws and other defects

a) Tower Bolt 250mm long 12mm dia.

Qty. 80.00 Nos. @ Rs. /E Rs.....

(Rupees.....) only.

b) Sliding door bolts 300mm x 16mm

Qty. 40.00 Nos @ Rs. /E Rs.....

(Rupees.....) only.

c) Mortise lock vertical type, Godrej with handle

i) 65mm, 2 lever

Qty. 10.00 Nos @ Rs. /E Rs.....

(Rupees.....) only.

- ii) 75mm, 4 lever
 Qnty. 24.00 Nos @ Rs. /E Rs.....
 (Rupees.....) only
- iii) 100mm, 6 lever
 Qnty. 6.00 Nos @ Rs. /E Rs.....
 (Rupees.....) only
- d) Door Handle 100 mm
 Qnty. 40.00 Nos @ Rs. /E Rs.....
 (Rupees.....) only
- e) Hydraulic Door closer 100 mm
 Qnty. 3.00 Nos @ Rs. /E Rs.....
 (Rupees.....) only

Item No.17 : GRILL

Providing, fitting and fixing M.S. plain grill for windows/ clearstory windows/ opening with M.S. flats at required spacing in frame all around, square or round M.S. bars with round headed bolts and nuts or screw etc. as per drawing and direction complete .

- Qnty. 3535.00 Kg @ Rs. /Kg Rs.....
 (Rupees.....) only

Item No.18 : FALSE CEILING

a) GYPSUM BOARD CEILING

i)Supplying , fitting, fixing and painting where necessary (one coat primer and two coats of paint M/F Suspended Ceiling which includes G.I. perimeter channels of size 0.55mm thick having one flange of 20mm and another flange of 30mm and a web of 27mm) along with perimeter of ceiling,screw fixed to brick wall/ partition. 12.5mm thick

- Qnty. 675.00 Sqm @ Rs. /Sqm Rs.....
 (Rupees.....) only

ii)Supplying , fitting, fixing and painting where necessary (one coat primer and two coats of paint)pre-coated . G.I. anglesize 24mmX24mmX80mm thick fixed to the brick wall/partion at the perimeter of ceiling with nylon sleeves and screws,at 610mm c/c. then suspending main 'T' section

- Qnty. 65.00 Sqm @ Rs. /Sqm Rs.....
 (Rupees.....) only

Item No.19 : PRIMING COAT

A)Applying priming coat over new wood and wood based surface over 100mm in width or girth after and including preparing the surface by thoroughly cleaning oil, grease ,dirt and other foreign matter and sand papering and knotting.

a) with ready mixed paint, wood primer (white)

- Qnty. 172.00 Sqm @ Rs. /Sqm Rs.....
 (Rupees.....) only

B) Applying priming coat over new steel and other metal surface over 100mm in width or girth after preparing the surface by thoroughly cleaning oil, grease ,dirt and other foreign matter and scoured with wire brushes ,fine steels, wood scrapers and sand paper.

Qty. 287.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

Item No.20: WALL CARE PUTTY

Providing two coats of Birla White Wall Care Putty of 1.5mm thick(Water 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

Qty. 3273.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

Item No.21: PLASTIC EMULSION

a)Wall painting(two coats) with plastic emulsion paint 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 surface free from mortar dropping and other foreign matter and including sand papered smooth

Qty. 3273.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

b)Painting two coats (excluding priming coat) on wood and wood based surface with enamel paint of approved brand and manufacture(Asian paint/ Burger paint/ICI paint/J & N paint/Nerolac) to give an even shade oncluding cleaning the surface of all dirt and other foreign matter sand papering stooping Surface over 100mm in width or girth with high gloss

Qty. 172.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

c)Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint of approved brand and manufacture(Asian paint/ Burger paint/ICI paint/J & N paint/Nerolac) to give an even shade including cleaning the surface of all dirt and other foreign matter

Qty. 287.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

Item No.22: EXTERNAL PAINT

a)Applying one coat of cement primer of approved brand and manufacture on new wall surface after throughly brooming the surfaces free from mortar droppings and other foreign matter and including preparing the surface even and sand papered smooth

Qty. 1390.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

b)Finishing wall with water proofing weather coat smooth anti-fungal exterior painting of approved make of Berger paint of required shade after cleaning and cleaning the surface etc. including scaffolding complete as directed at all levels(two coats)

Qty. 1390.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

Item No.23: WALL TILES & FLOORING

A) CERAMIC WALL TILES

Providing polished Ceramic wall tiles of approved quality size, shape and thickness not less than 8 mm on floors and walls 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-Tiles

On toilet wall max. upto 2100mm above floor level.

Executive range Somany/Orient/Nitco/Asian Make of size 200mmx300mm and above

Qnty. 155.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

B) VITRIFIED TILES

Providing anti - skid tiles of approved quality size, shape and thickness not less than 8mm on floors, skirtings over a bed of cement mortar 15mm thick in prop.1:3 (1 cement : 3 coarse sand) approved

In toilet floor

Antiskid tiles

Normal range Somany-made-Durastone(Unpolished heavy duty Vatrified Tile) Make of size 300mmx300mm and above

Qnty. 70.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

C) GRANITE WORK

Providing polished granite slab of Executive quality, size, shape, and thickness not less than 18mm on top of counter etc. over 15mm thick base of cement mortar in prop. 1:3 (1 cement : 3 coarse sand) including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey/Sika/Pedilite/Rouf) white cement slurry mixed with approved

Qnty. 10.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

D) MARBLE FLOORING

Providing and laying 18mm thick marble stone slab flooring of sizes 1200x1200 including skirting with 20mm thick base of cement plaster in prop. 1:6 (1cement : 6 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing complete with marble slab of specified quality and shade at all levels.

Qnty. 92.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

E) VITRIFIED TILES

Providing VITRIFIED floor tiles of approved quality of specified size, shape and thickness not less than 18mm on floors, skirtings ,risers and steps over 15mm thick base of cement mortar in prop.1:3 (1 cement : 3 coarse sand) including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey/Sika/Pedilite/Rouf) white cement slurry mixed with approved pigment to match the shade of tiles, complete at all levels

Qnty. 1540.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

F) PAVERS

Providing polished Multiwyn tiles of approved quality, size,shape of specified thickness on pavers over a base course including cutting where necessary finished with flush pointing with Fix- A-Tile (Chocsey/Sika/Pedelite/Rouf) white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed.

(A)Multiwyn tiles

Patella,West Wind

Qnty. 80.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

Item No.24 : RAILING

Providing and fixing stainless steel(grade 304) railing made of Hollow tubes, channels,plates etc.,including welding,grinding,buffering,polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete ,i.e. fixing the railing with necessary accessories & stainless steel dash fasteners,stainless steel bolts etc., of required size

Qnty. 290.00 Kg @ Rs./Kg Rs.....
(Rupees.....) only

Item No.25 : WATER PROOFING

A) SURFACE PREPARATION

Preparing the R.C.C. surface in roof slab, chajjas, terrace, sunken slabs, septic tank,O.H. tank, walls etc. by thoroughly cleaning with wire brush etc. followed by power washing for making the surface absolutely free from any foreign particles

Qnty. 350.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

B) CONCRETE ADMIXTURE

Extra for providing and mixing integral waterproofing compounds like Master Proof IWP -1 of Choksey Chemicals /Dr. Sealkit No.1(Asian Chemicals/RHEOMAC 707 of BASF @ 0.2% by weight of cement for waterroofing structures like roof slabs, base ment, sunken slab,chajjas,tunnels,water tank etc

Qnty. 55.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

C) WATER PROOFING COATINGS

Applying one coat of epoxy coating Techoxy of Choksey Chemicals folowed by two coats of Polyurethane water proofing coating Techcoat 61P at an interval of 12hours each for waterproofing of external walls, roofs, terraces, chajjas etc. as specified & directed by the department complete.

Qnty. 350.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

Item No.26 : ROOF TRUSS

Providing fitting, hoisting and fixing of roof trusses fabricated using any one or Combination of following sections of (i) Square section (ii) Rectangular Hollow section of specification SHS/RHS and including purlins, bottom runners and providing M.S. cleat,M.S. angle base plank,bolts and nuts with red oxide primer including fitting
a)Using TATA make RHS/SHS of Grade 310 conforming to relevant I.S. code)

Qnty. 168.00 Qtl @ Rs./Qtl Rs.....
(Rupees.....) only

Item No.27 : ROOFING

Providing 0.5mm thick Pre Painted Galvanized Iron Sheet Roofing (PPGI) at all levels including fitting and fixing with self drilling, self tapping screws complete. (Roof trusses, purlins etc. to be measured and paid separately)TATA Blue

Qnty. 1075.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

Item No.28 : ACCESSORIES

Providing 0.5mm thick Pre Painted Galvanized Iron Sheet (PPGI) accessories (Ridges / Velly / Gutter / Flashing) at all levels including fitting and fixing with self drilling, self tapping screws complete. (Roof trusses, purlins etc. to be measured and paid separately).

Qnty. 201.00 Rm @ Rs./Rm Rs.....
(Rupees.....) only

Item No.29 : BARGEBOARD

Providing barge board of size 200mm x 20mm with 1st class local Hollock/ Bonsum timber including fitting and fixing with necessary wood screw etc. as per drawing and direction complete.

Qnty. 340.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

Item No.30 : APRON AND DRAIN

- a) Plain cement concrete apron of 50mm thick in prop. 1:4:8 with 20mm down graded coarse agg. Over soling including neat cement finish using cement slurry 2.75kg of cement per sqm of floor (soling to be measured and paid for separately)

Qnty. 99.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

- b) Providing drain with brick work in cement mortar in prop. 1:5 with half brick thick side walls and 100mm thick CC(1:3:6) base over one brick flat soling including 15mm thick cement plastering in prop. 1:3 finished with a floating coat of cement slurry as directed with necessary earth work in excavation of foundation trenches and refilling the sides after completion of work etc. as specified.

- i) 300mm wide and average 250mm deep with bed slope 1 in 150 with initial depth of 100mm

Qnty. 165.00 Rm @ Rs./Rm Rs.....
(Rupees.....) only

Total = Civil Works = Rs.

(B) Water Supply and Sanitary :

Item No.1 : WATER CLOSET

a) Providing fitting and fixing white vitreous water closet squatting pan (Indian type Orissa pattern) of size 580 x 440mm Hindware with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. (Flushing Cistern to be paid separately)

Qty. 6.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

b) Providing fitting and fixing white vitreous china pedestal type water closet (European type W.C. pan 400mm high) of Parryware make with seat and lead, CP brass hinges and rubber buffers, CI/ MS brackets, 40mm dia flush band with fittings including painting of fittings and brackets

Qty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.2 : URINAL

Providing fitting and fixing white vitreous water closet squatting pan (Indian type Orissa pattern) of size 580 x 440mm Hindware with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. (Flushing Cistern to be paid separately)

Qty. 5.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.3 : WASH BASIN

Providing white vitreous china wash basin of size 550mm x 400 mm of Parryware/Cera make with CI/MS brackets. 32mm CP brass waste coupling of standard pattern C.P. brass chain with plug, PVC waste pipe including painting of fittings and brackets

Qty. 6.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.4 : WASH BASIN WITH PEDESTALL

Providing white vitreous china wash basin of size 550mm x 400 mm of Parryware/Cera make with CI/MS brackets. 32mm CP brass waste coupling of standard pattern C.P. brass chain with plug, PVC waste pipe including painting of fittings and brackets

Qty. 6.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.5 : COUNTER TOP WASH BASIN

Providing white vitreous china counter - top wash basin with CI/MS brackets. CP brass chain with plug, PVC waste pipe including painting of fittings and brackets, cutting and making good the walls wherever required.

Qty. 3.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.7 : KITCHEN SINK

Providing fitting and fixing stainless steel kitchen sink of parryware make with CI/MS brackets, C.P. brass chain rubber plug, PVC waste pipe etc. complete including painting the fittings, cutting and making good the walls and wherever required.

Single bowl with drain board (400X200) Flat Ed

Qty. 1.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.8 : SQUATING PLATE URINAL

Providing and fixing vitrious china squatting plate with automatic flushing cistern with standard flush pipe and CP brass spreader and brass unions, etc. complete including painting of fittings and brackets cutting and making good the wall and the floors wherever required.

Qty. 2.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.9 : BOTTLE TRAP

Providing fitting and fixing of 32mm dia. C.P. bottle trap Indian type with outlet pipe and wall flange of following size Ark Sona make for urinal etc. complete as directed

Qty. 8.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.10 : MIRROR

Providing fitting and fixing mirror with plastic frame of size 500x400mm complete as directed and specified.

Qty. 8.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.11 : SOAP DISH

Providing , fitting and fixing stainless steel soap dish of Sona make completed as specified and directed soap dish light(Cat. No.TR-0661)

Qty. 8.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.12 : TOWEL RAIL

Providing and fixing 450mm long C.P. towel rack of Sona make complete as directed and specified.

Qty. 3.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.13 : STOP COCK

Supplying fitting and fixing chromium plated stop cock(heavy) of Jaquar make of approved size as mentioned below as directed and specified (G.I. & C.P. pipes will be measured.

Angular stop cock 15mm dia

Qty. 24.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.14 : SINK COCK

Supplying fitting and fixing chrome plated (C.P.) sink cock of approved brand as directed and specified (G.I. & C.P. pipes will be measured

Jaquar brand

Sink cock with raised "J" shaped swinging

Qty. 1.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.15 : ROBE HOOK

Providing fitting and fixing chorme plated (CP) robe hookof Jaquar make completeas directed and specified **Continental (Cat.No.ACN-1191N)**

Qty. 4.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.16 : TOILET PAPER HOLDER

Providing fitting and fixing chrome plated (CP) toilet holder of Jaquare make complete as directed and specified
Continental (cat.no.ACN-1141N)

Qnty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.17 : PVC PIPES

Supplying, fitting and fixing PVC pipes of 6 Kg/cm2 (Supreme/Prince) or other ISI approved including joining ,fitting and fixing with clamps etc.as necessary complete

Concealed chiselling or breaking brick wall/ CC/RCC and making good to the damages.

110mm dia

Qnty. 30.00 M @ Rs./RM Rs.....

(Rupees.....) only.

75mm dia

Qnty. 35.00 M @ Rs./RM Rs.....

(Rupees.....) only.

In exposed surfaces or in trench

110mm dia

Qnty. 30.00 M @ Rs./RM Rs.....

(Rupees.....) only.

75mm dia

Qnty. 30.00 M @ Rs./RM Rs.....

(Rupees.....) only

Item No.18 : PVC PLAIN BEND

Supplying, fitting and fixing 87.5 degree PVC bend of (Supreme/Prince) or other ISI approved including joining ,fitting and fixing etc.as necessary complete

b) Concealed by chiselling or breaking brick wall/C.C./R.C.C and making good to the damages.

(ii) 110mm dia.

Qnty. 6.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

75mm dia

Qnty. 18.00 Nos. @ Rs./RM Rs.....

(Rupees.....) only

Item No.19 : PVC DOOR BEND

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 trench

110mm dia

Qnty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

75mm dia

Qnty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only

Item No.20 : 45 DEGREE BEND

Supplying fitting and fixing 45degree PVC bend of (Supreme/Prince) or other ISI approved including joining , fitting and fixing etc. as necessary complete

b) Concealed by chiselling or breaking brick wall/C.C./R.C.C and making good to the damages.

(ii) 110mm dia.

Qnty. 4.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

75mm dia

Qnty. 8.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only

Item No.21 : PVC PLAIN TEE

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

Concealed chieselling or breaking brick wall/ CC/RCC and making good to the damages

(ii) 110mm dia.

Qnty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

75mm dia

Qnty. 6.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only

Item No.22 : PVC DOOR TEE

Supplying fitting and fixing PVC 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 trench

110mm dia

Qnty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

75mm dia

Qnty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only

Item No.23 : PVC SINGLE 'Y'

Supplying fitting and fixing PVC single "Y" 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 trench

110mm dia

Qnty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

75mm dia

Qnty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only

Item No.24 : PVC REDUCER

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

In exposed surfaces or in trench

110mm x 75mm

Qty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

75mm x 63mm dia

Qty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only

Item No.25 : COWEL

Providing fitting and fixing 110mm dia PVC cowel with ISI make complete as directed and specified

Qty. 3.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only

Item No.26 : GRATING

Providing fitting and fixing 75mm dia. C.P. Grating to the floors complete as directed and specified

Qty. 14.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only

Item No.27 : INTERNAL WATER SUPPLY WORKS

Providing and fixing S.F.M.C. Brand 3 layer (outer green coloured UV Stabilised, middle black coloured UV Stabilised and innermost layer white coloured with antimicrobial property) Fusion welded PP-R(Poly propylene-random copolymer) pipes, SDR 7.4 having thermal stability for hot and cold water supply including all plain PP-R fittings and brass threaded PP-R fitting and clamping, cutting and making good to the damages.

concealed by chiseling or breaking brick wall/C.C/ R.C.C.and making good to the damages.

20 mm OD

Qty. 30.00 M @ Rs./RM Rs.....

(Rupees.....) only.

In exposed surfaces or in trench

20 mm OD

Qty. 25.00 M @ Rs./RM Rs.....

(Rupees.....) only.

Item No.28 : BIB COCK

Supplying fitting and fixing CP bib cock of 15 mm dia of approved brand as specified and directed. (GI & CP pipes will be measured separately)

Essco make (Delux/Sumthing spl/Tropical)

Bib cock short body

Qty. 10.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only

Bib cock Long thread

Qty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only

Item No.29 : PILLAR COCK

Supplying and fitting fixing CP pillar cock of 15 mm dia of approved brand as specified and directed:

Sona make

Heavy type

Qnty. 9.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only

Item No.30 : SEPTIC TANK

Supplying and placing ferrocement septic tanks of rectangular shape in to pit with manhole cover with clearing arrangement over single brick flat soling and 75 mm 1:3:6 P.C.C. Baffle wall,inlet and outlet etc are provided at suitable points complete as directed.

50 user

Qnty. 1.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only

Item No.31 : SOAK PIT

Construction of filter bed in soak pit including earth work in excavation of soil and then filling up of the trench with brick bats/Charcoal covered with earth over a layer of AC plain sheet above brick bat filling complete as directed. (sizes of soak pit may vary depending on the sizes and capacities of the septic tank as well as the number of users as mentioned in the table.

Qnty. 10.00 Cum @ Rs./Cum Rs.....

(Rupees.....) only

Item No.32 : INSPECTION CHAMBER

Construction of inspection pit inside measurement 450 mm x 450 mm x 450 mm flush with 100 mm diameter HIC/PVC pipes and cement concrete base in proportion 1:3:6 over flat brick soling, 12 cm brick wall in cement mortar in proportion 1:4 finished with 13 mm cement plaster in proportion 1:2 in side wall and floor 450 mm x 450 mm air tight CI inspection pit cover and frame complete including supplying of materials, necessary excavation of pit as directed.

Qnty. 6.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only

Total Sanitary & Water Supply works = Rs.

(C) Electrical works :

Item No.1 : Wiring for light/ fan/ call bell point with 2x1.5 sq mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) with flat 19 mm ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.)

Medium point up to 6.00 metre. Length.

Qty. 97.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Long point up to 10.00 metre. Length.

Qty. 136.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.2 : Wiring to a 5 pin 6 Amps plug point with 1.5 sq. mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel or Equivalent Make as approved by the Deptt.) in surface/ recessed 2 mm thick/ heavy rigid ISI marked IS: 9537 PART - III rigid PVC conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) wiring system including 5 pin 6 Amps flush type plug socket and 6 Amps F/T switch

Medium point up to 6.00 metre. Length.

Qty. 12.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.3 : Wiring for 5 pin 6 amp plug with 1.5 sq mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel or Equivalent Make as approved by the Deptt.) including 5 pin 6 amp socket outlet (Anchor penta /Gold medal /Kolor kany.Kom/Havells or equivalent make as approved by the Deptt.) and 6 amp flush type switch

Qty. 22.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.4 : Wiring for 5 pin 6 amp plug with 1.5 sq mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel or Equivalent Make as approved by the Deptt.) including 5 pin 6 amp socket outlet (Anchor penta /Gold medal /Kolor kany.Kom/Havells or equivalent make as approved by the Deptt.) and 6 amp flush type switch

Extra long point up to 15.00 metre. length.

Qty. 21.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Extra long point up to 20.00 metre. Length.

Qty. 28.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.5 : Wiring for circuit wiring with P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel or Equivalent Make as approved by the Deptt.) in surface/ recessed PVC conduit

With 3 x 1.5 sq. mm. cable in 20 mm dia. 2mm thick/ heavy rigid PVC IS: 9537 Part - III conduit.

Qty. 900.00 M @ Rs./M Rs.....

(Rupees.....) only.

Item No.6 : Wiring for drawing sub-main line with P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel or Equivalent Make as approved by the Deptt.)
With 4 x 4 sq. mm. + earth continuity with 2x2.5 sq. mm. cable in 25 mm. dia. 2mm thick/ heavy rigid PVC IS: 9537 Part - III conduit.

Qnty. 1400.00 M @ Rs./M Rs.....
(Rupees.....) only.

Item No.7 : (N/S):Supplying with fitting fixing of Fluorescent luminaries (LED TUBE LIGHT)complete with all accessories such as lamp,ballast,starter etc. directly onwall/ceiling including providing downrod etc as necessary, and connection as approved by the deptt.With 1.5 sq.mm. PVC insulated S.C. copper conductor as required and as directed by the deptt.

A) sleek extruded alluminium body type luminaries complete with end caps and size of 1200 mm 36 Watt fluorescent tube (SYSKA make) Model SSK-ILB-2036-36W with power lux 22W Tube.

Qnty. 103.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.8: (N/S): Supplying with fitting fixing of Fluorescent luminar (LED PANEL LIGHT/RESSED LIGHT) complete with all accessories such as lamp,ballast,starter etc. directly on wall/ceiling including providing materials as necessary, and connection as approved by the deptt. With 1.5 sq.mm. PVC insulated S.C. copper conductor as required and as directed by the deptt.

A) LED PANEL LIGHT (SYSKA make) Model SSK-PA 3030FW with power lux 24W Bulb.

Qnty. 12.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.9: (N/S): Supplying with fitting fixing of Fluorescent luminaries (LED PANEL LIGHT)complete with all accessories such as lamp,ballast,starter etc. directly on wall/ceiling including providing materials as necessary, and connection as approved by the deptt. With 1.5 sq.mm. PVC insulated S.C. copper conductor as required and as directed by the deptt.

A) LED PANEL LIGHT (SYSKA make) Model SSK-PAB 6060B with power lux 36W Bulb.

Qnty. 12.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.10: (N/S): Supplying with fitting fixing of Fluorescent luminaries (LED PANEL LIGHT)complete with all accessories such as lamp,ballast,starter etc. directly on wall/ceiling including providing materials as necessary, and connection as approved by the deptt. With 1.5 sq.mm. PVC insulated S.C. copper conductor as required and as directed by the deptt.

A) LED PANEL LIGHT (SYSKA make) Model SSK-SDS-30W with power lux 30W Bulb.

Qnty. 30.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.11 : Supplying including fitting and fixing of following A.C. Ceiling fan complete with all accessories like down rod, canopy etc. of following sweeps with making necessary connection as approved by the Deptt. as required complete and as directed by the Department [without regulator].

Premium model 1400 mm Sweep. (ORIENT PSPO make) /Premium model 1400 mm Sweep SS-390 Deco. (Havells make)

Qnty. 62.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.12 : Supplying including fitting and fixing of following A.C. Exhaust fan in the existing hole on the wall of following sweeps with making necessary connection as approved by the Deptt. as required complete and as directed by the Department.

Power Flow 225 mm sweep (ORIENT make)

Qnty. 6.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.13 : Supplying fitting and fixing of ceiling fan regulator including connections etc. complete as required.

Electronic Type

Qty. 68.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.14 : Supplying with fitting and fixing sheet steel, phosphatised, powder painted dust & vermin proof reversible Double door (IP-43) surface mounting horizontal TPN MCB DB incorporated with bus-bar, Neutral link, Earth bar and din rail etc fitted on wall with grouting nuts & bolts as reqd. complete

(ABB, Schneider MG, legrand, Hager, Crabtree xpro make)

12 way TPN (8+36) double door

Qty. 6.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.15 : Supplying with fitting and fixing Single Pole 10 KA240/415 V 50 HZ MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.

B Series(Schneider MG, legrand, Hager, Crabtree xpro make)

63A

Qty. 40.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.16 : Supplying with fitting and fixing panel mounting open execution 35/36KA 415V 50Hz 4P MCCB (Ics=Icu, adjustable Ir setting 0.7) without enclosure of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.

35/36 KA 415V 50 Hz 4P MCCB (Schneider, legrand, Siemens make)

160A

Qty. 14.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.17 : Supplying with fitting and fixing panel mounting open execution 35/36 KA 415 V 50 HZ 4P MCCB (ICS = ICU, adjustable IR setting 0.7) (without enclosure) of the following capacity complete with making necessary connection as approved,specified and directed by the deptt.

160 A

Qty. 1.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.18 : Supplying, Fabrication, Erection ,Testing commissioning of vermin and dust proof (IP-43 protection) totally enclosed cubical type compartmental floor mounting panel board of size 1450mm x 1000mm x 500mm made of 16 SWG (1.66mm thick) C.R. sheet and 300mm x 30mmx5mm MS Angle having 4 nos legs at the bottom and C.R. sheet roofing on the top complete painting with 2 coats of Red Oxide metal primer and 2 coats of Enamel paint. The panel board is to be erected in 1 :3:6 PCC foundation including excavation complete neatly wiring done, with the provision for the following electrical accessories. Incomer 125A ,4Pole 25KA AC 415V MCCB with D.P. Handle OUTGOING TPN MCB 5nos

Control Wiring along with required size of copper bus bar

Qty. 1.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.19 : Supply, installation & testing of G.I. Plate earth station with 600 mmx600 mmx6 mm heavy duty G.I. earth plate with necessary 40 mm dia. G.I. watering pipe with G.I. Fittings such as Socket, Tee, elbow, nipple and 50 mmx40 mm G.I. reducing socket for funnel including locking arrangement with 300 mmx300 mmx6 mm hinged cover C.I. cover plate complete with digging of earth pit, construction of brick chamber and plastering of both inner & outer surface of wall as specified and directed by the deptt .

Qty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.20: Supplying ,installation, testing & commissioning of 20 pair Unarmoured Telephone Cable through existing conduit in surface/ recess system.

Qty. 360.00 M @ Rs./M Rs.....

(Rupees.....) only.

Total = Electrical works = Rs.

Name of work :- Strengthening and Renovation of Boundary Wall at BNCA

Item No.1 : Demolishing RCC work including stacking of steel bars and disposal of unserviceable material as directed for all levels

Qty. 1.20 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

Item No.2 : Demolishing brickwork including stacking of serviceable materials and disposal of unserviceable materials as directed for all levels

Qty. 0.74 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

Item No.3 : Demolishing the plastering from walls/ R.C.C. and P.C.C. members without causing any damage to the wall/ member upto any height including disposal of debris as directed for all levels.

Qty. 0.40 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

Item No.4 : Providing form work 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:

A) Columns, Pillars, Posts & Strut

(ii) Using 25mm thick plank

Qty. 18.70 M2 @ Rs./M2 Rs.....

(Rupees.....) only.

B) Sides and Soffits of Beams, beam haunchings, cantilever girders, bressumers, lintels and horizontal ties.

(a) For depth not exceeding 1.0M.

(ii) Using 25mm thick plank

Qty. 12.00 M2 @ Rs./M2 Rs.....

(Rupees.....) only.

Item No.5 : Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/ R.B. 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, chairs, spacers etc. complete.

b) Other ISI approved TMT reinforcement bar (SAI/BISCON/THERMAX)

(For Assam Type Bldg., drain works,,retaining wall&boundary wall etc. .

Qty. 1.96 Qtl @ Rs./Qtl Rs.....

(Rupees.....) only.

Item No.6: Providing and laying plain/reinforced cement concrete works cement, 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

ii) Columns, pillars, posts, struts, suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase

N) Without using admixture, plasticiser

a) M15 grade concrete or Prop. 1:2:4

Qty. 2.75 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

Item No.7: Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed.

(l) In Sub-structure upto plinth level including dewatering if necessary

(c) In proportion 1:5.

Qty. 1.20 M3 @ Rs. /M3 Rs.....

(Rupees.....) only.

Item No.8: 1st class brick nogged wall in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to 1st floor level

(A) 112mm thick brick wall

(a) In cement mortar in proportion 1:4.

(1 cement:4 sand)

Qty. 18.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.9: 15 mm thick Cement plaster in single coat on single or half brick wall for interior plastering up to 1st floor level including arises, internal rounded angles, not exceeding 80mm girth and finished even and smooth including curing complete as directed.

A) On rough side

b) In cement mortar 1:4

Qty. 119.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.10: b) Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on new wall surface (two coats) to give an even shade after thoroughly brooming the surfaces to remove all dirt and remains of loose powdered materials.

Qty. 119.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.11: 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.

a) M. S. Angles.....

Qty. 0.860 Qtl @ Rs. /Qtl Rs.....

(Rupees.....) only.

Item No.12: (N/S) Supplying , Fitting and Fixing reinforced barbed top 8 Strand made of low carbon steel strap of 19 mm wide and 0.5 m thick with close and sharp punch barbeal as directed by the department

Qty. 240.00 M @ Rs. /RM Rs.....

(Rupees.....) only.

Item No.13: Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint of approved brand and manufacture(Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) to give an even shade

(i).Surfaces over 100mm in width or girth.

b). High gloss (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac).

Qty. 2.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Total = Civil works = Rs.

Name of work :- Construction of Library Building at BNCA

(A) Civil works :

Item No.1: EXCAVATION

Earthwork in excavation for foundation trenches of wall, footing of column. i/e refilling the Qnty. after completion of work, breaking clods in return filling dressing, watering ramming etc. Complete

(A) Up to a depth of 2.00m below the existing ground level.

(a) In ordinary soil

Qnty. 350.00 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

Item No.2: SOLING

Providing 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

Qnty. 1015.00 M2 @ Rs./M2 Rs.....

(Rupees.....) only.

Item No.3: FILLING

Earth/ sand filling in plinth in layers not more than 150mm thick including necessary carriage, watering, ramming etc. complete as directed and specified

(a) With earth or silt or sand obtained by head load with lead upto 90m and lift upto 2m

Qnty. 550.00 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

Item No.4 : PCC

Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc. as directed and specified including dewatering if necessary

In prop 1cement: 3 sand :6 coarse aggregate by volume

Qnty. 56.00 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

Item No.5: R.C.C Works

Providing and laying plain/reinforced cement concrete works cement, coarse sand & 20mm down graded stone aggregate including dewatering if necessary, and curing complete

(I) Using Mixer Machine

(A) In substructure up to plinth level

Foundation, footing, columns with base tie and plinth beam, pile cap, base slab, retaining walls, walls of septic tank

N) Without using admixture, plasticiser

b) M20 grade concrete or Prop. 1:1.5:3

Qnty. 106.00 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

B)In superstructure from plinth level to first floor level :

ii) Columns, pillars, posts, struts, suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase

N) Without using admixture, plasticiser

b) M20 grade concrete or Prop. 1:1.5:3

Qnty. 218.00 M3 @ Rs./M3 Rs.....

(Rupees.....) only.

C) Extra over item no. 5(b) work First floor level to Second floor level

i)Columns,pillars,posts,struts,suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase

Qty. 50.00 M3 @ Rs. /M3 Rs.....

(Rupees.....) only.

D) Extra over item no. 5(b) work in Second floor level

i)Columns,pillars,posts,struts,suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase

Qty. 8.00 M3 @ Rs. /M3 Rs.....

(Rupees.....) only.

Item No.6: FORMWORK

Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc., height of propping and centeringIn prop 1cement: 3 sand :6 coarse aggregate by volume

A) In sub-structure up to plinth level

i)Foundation, footings, bases of columns, pile cap, raft and mass

(b) Using 25mm thick plank

Qty. 210.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

ii)Sides of tie beams, grade beams etc. at or below ground level.

(b) Using 25mm thick plank

Qty. 405.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

B) In super structure from plinth level to first floor level :

i)Square, ractananguler, polygonal in plan or any shape like Tee/ L etc. having plane vertical face

Using 25mm thick plank

Qty. 515.0M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

ii)Sides & soffits of beams, beam haunching, cantilever, girder, bressumers,lintel and horizontal ties

Flat surface such as soffits of suspended floors, roofs, landings, cantilever slabs, chajjas, balconies

Using 38mm thick plank

Qty. 772.0M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

iii)Flat surface such as soffits of suspended floors, roofs, landings, cantilever slabs, chajjas, balconies

Using 25mm thick plank

Qty. 612.0M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

iv)Staircase with sloping or stepped soffits including risers and stringers but excluding landing

Using 38mm thick plank

Qty. 72.0M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

C) Extra over item no. 6(b) work First floor level to Second floor level

i) Square, ractananguler, polygonal in plan or any shape like Tee/ L etc. having plane vertical face
Using 25mm thick plank

Qty. 222.0M2 @ Rs. /M2 Rs.....
(Rupees.....) only.

ii) Sides & soffits of beams, beam haunching, cantilever, girder, bressumers, lintel and horizontal
Using 38mm thick plank

Qty. 265.0M2 @ Rs. /M2 Rs.....
(Rupees.....) only.

D) Extra over item no. 6(b) work in Second floor level

i) Columns, pillars, post
Square, ractananguler, polygonal in plan or any shape like Tee/ L etc. having plane vertical face
Using 25mm thick plank

Qty. 27.0M2 @ Rs. /M2 Rs.....
(Rupees.....) only.

ii) Sides & soffits of beams, beam haunching, cantilever, girder, bressumers, lintel and horizontal
Using 38mm thick plank

Qty. 78.0M2 @ Rs. /M2 Rs.....
(Rupees.....) only.

Item No.7 : REINFORCEMENT

Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/
R.B. walling including straightening, cleaning, cutting and bending

a) From Primary Producer: TATA/SAIL/Esser Steel/ Jindal steel/Shyam steel/RINL

A) Upto first floor level

(i) TMT Corrosion resistant steel (CRS) reinforcement bar

Qty. 370.00 Qtl @ Rs. /M2 Rs.....
(Rupees.....) only.

a) Extra over item no. 7(a) work First floor level to Second floor level

(i) supar Ductale (SD) TMT reinforcement bar

Qty. 69.00 Qtl @ Rs. /M2 Rs.....
(Rupees.....) only.

b) Extra over item no. 7(a) work in Second floor level

(i) supar Ductale (SD) TMT reinforcement bar

Qty. 11.00 Qtl @ Rs. /M2 Rs.....
(Rupees.....) only.

Item No.8 : ANTI TERMITE TREATMENT

a) Pre construction anti - termite treatment by applying in the entire levelled area after plinth filling and before laying floor by applying the emulsion @ 5 (five) litres per square meter of the surface to be spread with light rodding so as to ensure proper absorption by the filled up earth

Qty. 556.00M2 @ Rs. /M2 Rs.....
(Rupees.....) only.

b) Treatment at points of contact of wood work by aqueous emulsion having concentration 1:19 with chloropiropose solution (tricol or equivalent) and water @ 0.5 litres per hole by drilling 6mm dia holes at downward angle of 45 degree at 150mm centre to centre and sealing the same.

Qty. 305.00M @ Rs./RM Rs.....
(Rupees.....) only.

Item No.9: BRICKWORK

A)230 mm

a) Brick work in cement mortar 1:4 (1cement : 4 medium sand) with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed in substructure up to plinth level.

Qty. 83.00 M3 @ Rs./M3 Rs.....
(Rupees.....) only.

b) Brick work in cement mortar 1:4 (1cement : 4 medium sand) with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed in superstructure from plinth level up to first floor level.

Qty. 20.00 M3 @ Rs./M3 Rs.....
(Rupees.....) only.

B)115 mm brick

a) 115 mm thick 1st class brick nogged wall in cement mortar 1:4 (1 cement :4 medium sand) including racking out joints and curing complete as directed in super structure from plinth level to first floor level

Qty. 860.00M2 @ Rs./M2 Rs.....
(Rupees.....) only.

C)Extra over item no. 10(b) work First floor level to Second floor level

a)230mm thick

Brick work in cement mortar 1:4 (1cement : 4 medium sand) with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed.

Qty. 9.00M3 @ Rs./M3 Rs.....
(Rupees.....) only.

b)115mm thick

a) 15 mm thick 1st class brick nogged wall in cement mortar 1:4 (1 cement :4 medium sand) including racking out joints and curing complete as directed in super structure (protruding M.S. rod/Tor steel of column to be embeded in cement mortar and will be measured and paid separately)

Qty. 355.00M2 @ Rs./M2 Rs.....
(Rupees.....) only.

b) **230 mm thick** Brick work in cement mortar 1:4 (1cement : 4 medium sand) with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed.

Qty. 6.00M3 @ Rs./M3 Rs.....
(Rupees.....) only.

Item No.10: CHOWKATH

Providing wood work in frame (Chowkats) with sal wood of door and other simmlar work wrought, framed and fixed in position in contact with cc or brick wall including supplying, fitting and fixing with M.S. hold fast (40mm x 3mm x 250mm) as per design embeded in cement concrete block in proportion 1:2:4

Qty. 1.00M3 @ Rs./M3 Rs.....
(Rupees.....) only.

Item No.11 : PLASTERING WORK

A)INTERNAL PLASTERING

15 mm thick Cement plaster in single coat on single or half brick wall for interior plastering up to 1st floor level including arises, internal rounded angles

B) On fair side

a) In cement mortar 1:4

Qty. 1765.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

B)EXTERNAL PLASTERING

15mm thick cement plaster in mortar 1:4 (1 cement : 4 medium sand) in single coat on fair side of brick/ concrete walls for interior plastering up to 1st floor level including arrises, internal rounded angles, chamfers and not exceeding 80mm in girth and finished even and smooth including curing complete and as directed.

Qty. 745.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

C)CEILING PLASTERING

15mm thick cement plaster in mortar 1:4 (1 cement : 4 medium sand) in single coat on ceiling and soffits of stairs up to 1st floor level including arrises, internal rounded angles, chamfers and not exceeding 80mm in girth and finished even and smooth including curing complete and as directed

Qty. 586.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

a)Extra over item no. 12 work First floor level to Second floor level

A)INTERNAL PLASTERING

15mm thick cement plaster in mortar 1:4 (1 cement : 4 medium sand) in single coat on fair side of brick/ concrete walls for interior plastering including arrises, internal rounded angles, chamfers and not exceeding 80mm in girth and finished even and smooth including curing complete and as directed.

Qty. 483.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

B)EXTERNAL PLASTERING WORK

15mm thick cement plaster in mortar 1:4 (1 cement : 4 medium sand) in single coat on fair side of brick/ concrete walls for interior plastering including arrises, internal rounded angles, chamfers and not exceeding 80mm in girth and finished even and smooth including curing complete and as directed.

Qty. 320.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

b)Extra over item no. 12 work in Second floor level

A)INTERNAL PLASTERING

15mm thick cement plaster in mortar 1:4 (1 cement : 4 medium sand) in single coat on fair side of brick/ concrete walls for interior plastering including arrises, internal rounded angles, chamfers and not exceeding 80mm in girth and finished even and smooth including curing complete and as directed.

Qty. 55.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

B)EXTERNAL PLASTERING WORK

15mm thick cement plaster in mortar 1:4 (1 cement : 4 medium sand) in single coat on fair side of brick/ concrete walls for interior plastering including arrises, internal rounded angles, chamfers and not exceeding 80mm in girth and finished even and smooth including curing complete and as directed

Qty. 45.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.12 : ALUMINIUM DOOR

Providing, fitting and fixing anodized aluminium framed glazed doors with anodized aluminium frame made of 100mm x 45mm x 2.50mm section of approved brand (HINDALCO/NALCO/BALCO/JINDAL/Other equivalent primary producer) with door style of size 88mm x 45mm x 2.5mm, top rail 50mm x 45mm x 2mm, lock rail 100mm x 45mm x 2mm, bottom rail 100mm x 45mm x 2.5 mm with 6mm clear glass

Qty. 20.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.13 : ALLUMINIUM WINDOW & VENTILATOR

a)Providing, fitting and fixing anodised aluminium windows and ventilators of standard sections f approved brand(HINDALCO/NALCO/BALCO/JINDAL/Other equivalent primary producer)without horizontal glazing bars joints mitred and welded (manufactured to relevant IS specifications) fitted with 6mmx 3.15mm lugs 100mm long embedded in C.C. blocks 150mm x 100mm x 100mm in 1:3:6 mix including providing and fixing handles,frictions stays, joining cleat, bolting device, locking arrangements, spring catch as required complete as directed and specified at all levels

Side hung and top hung windows and ventilators with 6mm clear glass

Qty. 10.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Fixed windows and ventilators with 6mm clear glass.

Qty. 10.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

b)Providing, fitting and fixing anodized aluminium sliding windows and ventilators of standard sections of approved brand(HINDALCO/NALCO/BALCO/JINDAL/Other equivalent primary producer) without horizontal glazing bars joints mitred and welded

2 Track sliding window with 6mm clear glass

Qty. 70.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

3 Track sliding window with 6mm clear glass

Qty. 106.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.14 : SINGLE LEAF FLUSH DOOR

Providing, fitting & fixing factory made exterior type fully pannelled single door shuutters of approved brand conforming to relevant to relevant I.S code having kiln seasoned and vacuum pressure treated Hollock /Bonsum/Sundi rail and styles with panel of Anchore brand 12mm thick veneed Teak wood particle board bonded with phenol-formaldehyde synthetic resin adhesive conforming to relavant I.S. code

Qty. 35.00 M2 @ Rs. /M2 Rs.....

(Rupees.....) only.

Item No.15 : HARDWARE AND FITTINGS

Supplying, fitting, fixing anodised aluminium fittings of approved make, resonably smooth, free from sharp edges and corners, flaws and other defects

i)Tower Bolt 250mm long 12mm dia.

Qty. 64.00 Nos. @ Rs. /E Rs.....

(Rupees.....) only.

ii) Sliding door bolts 300mm x 16mm

Qty. 28.00 Nos. @ Rs. /E Rs.....
(Rupees.....) only.

iii) Mortise lock vertical type, Godrej with handle
a) 75mm, 4 lever

Qty. 2.00 Nos. @ Rs. /E Rs.....
(Rupees.....) only

iv) Door Handle 100 mm

Qty. 28.00 Nos. @ Rs. /E Rs.....
(Rupees.....) only

v) Hydraulic Door closer 100 mm

Qty. 2.00 Nos. @ Rs. /E Rs.....
(Rupees.....) only

Item No.16 : GRILL

Providing, fitting and fixing M.S. plain grill for windows/ clearstory windows/ opening with M.S. flats at required spacing in frame all around, square or round M.S. bars with round headed bolts and nuts or screw etc. as per drawing and direction complete .

Qty. 2210.00 Kg @ Rs. /Kg Rs.....
(Rupees.....) only

Item No.17 : FALSE CEILING

A) GYPSUM BOARD CEILING

Supplying , fitting, fixing and painting where necessary (one coat primer and two coats of paint M/F Suspended Ceiling which includes G.I. perimeter channels of size 0.55mm thick having one flange of 20mm and another flange of 30mm and a web of 27mm) along with perimeter of ceiling, screw fixed to brick wall/ partition

12.55mm thick

Qty. 721.00 Sqm @ Rs. /Sqm Rs.....
(Rupees.....) only

Item No.18 : PRIMING COAT

a) Applying priming coat over new wood and wood based surface over 100mm in width or girth after and including preparing the surface by thoroughly cleaning oil, grease ,dirt and other foreign matter and sand papering and knotting.

with ready mixed paint, wood primer (white)

Qty. 70.00 Sqm @ Rs. /Sqm Rs.....
(Rupees.....) only

b) Applying priming coat over new steel and other metal surface over 100mm in width or girth after preparing the surface by thoroughly cleaning oil, grease ,dirt and other foreign matter and scoured with wire brushes ,fine steels, wood scrapers and sand paper.

Qty. 206.00 Sqm @ Rs. /Sqm Rs.....
(Rupees.....) only

Item No.19: WALL CARE PUTTY

Providing two coats of Birla White Wall Care Putty of 1.5mm thick(Water 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

Qty. 2351.00 Sqm @ Rs./Sqm Rs.....

(Rupees.....) only

Item No.20: PLASTIC EMULSION

a)Wall painting(two coats) with plastic emulsion paint 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 surface free from mortar dropping and other foreign matter and including sand papered smooth

Qty. 2351.00 Sqm @ Rs./Sqm Rs.....

(Rupees.....) only

b)Painting two coats (excluding priming coat) on wood and wood based surface with enamel paint of approved brand and manufacture(Asian paint/ Burger paint/ICI paint/J & N paint/Nerolac) to give an even shade oncluding cleaning the surface of all dirt and other foreign matter sand papering stooping Surface over 100mm in width or girth with high gloss

Qty. 70.00 Sqm @ Rs./Sqm Rs.....

(Rupees.....) only

c)Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint of approved brand and manufacture(Asian paint/ Burger paint/ICI paint/J & N paint/Nerolac) to give an even shade including cleaning the surface of all dirt and other foreign matter

Qty. 206.00 Sqm @ Rs./Sqm Rs.....

(Rupees.....) only

Item No.21: EXTERNAL PAINT

a)Applying one coat of cement primer of approved brand and manufacture on new wall surface after thoroughly brooming the surfaces free from mortar droppings and other foreign matter and including preparing the surface even and sand papered smooth

Qty. 745.00 Sqm @ Rs./Sqm Rs.....

(Rupees.....) only

b)Finishing wall with water proofing weather coat smooth anti-fungal exterior painting of approved make of Berger paint of required shade after cleaning and cleaning the surface etc. including scaffolding complete as directed at all levels(two coats)

Qty. 745.00 Sqm @ Rs./Sqm Rs.....

(Rupees.....) only

Item No.22: WALL TILES & FLOORING

CERAMIC WALL TILES

a)Providing polished Ceramic wall tiles of approved quality size, shape and thickness not less than 8 mm on floors and walls 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-Tiles

On toilet wall max. upto 2100mm above floor level.

Executive range Somany/Orient/Nitco/Asian Make of size 200mmx300mm and above

Qty. 52.00 Sqm @ Rs./Sqm Rs.....

(Rupees.....) only

B) CERAMIC FLOOR TILES

Providing anti - skid tiles of approved quality size, shape and thickness not less than 8mm on floors, skirtings over a bed of cement mortar 15mm thick in prop.1:3 (1 cement : 3 coarse sand) approved make fix with fix-A -Tiles (Choksey/Sika/Pedilite/Rouf) white cement complete at all levels as specified and directed.

Qnty. 27.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

C) MARBLE FLOORING

Providing and laying 18mm thick marble stone slab flooring of sizes 1200x1200 including skirting with 20mm thick base of cement plaster in prop. 1:6 (1cement : 6 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing complete with marble slab of specified quality and shade at all levels.

Qnty. 55.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

D) KOTA FLOORING

Kota stone slab flooring including skirting 18mm thick over 20mm th. base of cement plaster 1:6 (1 cement : 6 coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. (stone size 550mm x 550mm and above)

Qnty. 230.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

E) VITRIFIED TILES

Providing VITRIFIED floor tiles of approved quality of specified size, shape and thickness not less than 18mm on floors, skirtings ,risers and steps over 15mm thick base of cement mortar in prop.1:3 (1 cement : 3 coarse sand) including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey/Sika/Pedilite/Rouf) white cement slurry mixed with approved pigment to match the shade of tiles, complete at all levels as specified and directed.

Deluxe range (Somany/Orient /Nitco/Vermora/Jhonson make)
(size1200mmx1600mm and above)

Qnty. 23.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

F) ANTI-SKID TILES

Providing anti - skid tiles of approved quality size, shape and thickness not less than 8mm on floors, skirtings over a bed of cement mortar 15mm thick in prop.1:3 (1 cement : 3 coarse sand) approved make fix with fix-A -Tiles (Choksey/Sika/Pedilite/Rouf) white cement complete at all levels as specified and directed.

(B) Vitrified

Executive range -1 (sizes 600mmX300mm and above

Qnty. 745.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

Item No.23 : RAILING

Providing and fixing stainless steel(grade 304) railing made of Hollow tubes, channels,plates etc.,including welding,grinding,buffering,polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete ,i.e. fixing the railing with necessary accessories & stainless steel dash fasteners,stainless steel bolts etc., of required size

Qnty. 215.00 Kg @ Rs./Kg Rs.....
(Rupees.....) only

Item No.24 : WATER PROOFING

A)SURFACE PREPARATION

Preparing the R.C.C. surface in roof slab, chajjas, terrace, sunken slabs, septic tank,O.H. tank, walls etc. by thoroughly cleaning with wire brush etc. followed by power washing for making the surface absolutely free from any foreign particles

Qnty. 36.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

B)CONCRETE ADMIXTURE

Extra for providing and mixing integral waterproofing compounds like Master Proof IWP -1 of Choksey Chemicals /Dr. Sealkit No.1(Asian Chemicals/RHEOMAC 707 of BASF @ 0.2% by weight of cement for waterroofing structures like roof slabs, base ment, sunken slab,chajjas,tunnels,water tank etc
In cement concrete prop. 1:1.5:3

Qnty. 45.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

C)WATER PROOFING COATINGS

Applying one coat of epoxy coating Techoxy of Choksey Chemicals folowed by two coats of Polyurethane water proofing coating Techcoat 61P at an interval of 12hours each for waterproofing of external walls, roofs, terraces, chajjas etc. as specified & directed by the department complete.

Qnty. 36.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

Item No.25 : ROOF TRUSS

Providing fitting, hoisting and fixing of roof trusses fabricated using any one or Combination of following sections of (i) Square section (ii) Rectangular Hollow section of specification SHS/RHS and including purlins, bottom runners and providing M.S. cleat,M.S. angle base plank,bolts and nuts with red oxide primer including fitting
a)Using TATA make RHS/SHS of Grade 310 conforming to relevant I.S. code)

Qnty. 180.00 Qtl @ Rs./Qtl Rs.....
(Rupees.....) only

Item No.26 : ROOFING

Providing 0.5mm thick Pre Painted Galvanized Iron Sheet Roofing (PPGI) at all levels including fitting and fixing with self drilling, self tapping screws complete. (Roof trusses, purlins etc. to be measured and paid separately)TATA Blue

Qnty. 1095.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

Item No.27 : ACCESSORIES

Providing 0.5mm thick Pre Painted Galvanized Iron Sheet (PPGI) accessories (Ridges / Velly / Gutter / Flashing) at all levels including fitting and fixing with self drilling, self tapping screws complete. (Roof trusses, purlins etc. to be measured and paid separately).

Qnty. 164.00 Rm @ Rs./Rm Rs.....
(Rupees.....) only

Item No.28 : BARGEBOARD

Providing barge board of size 200mm x 20mm with 1st class local Hollock/ Bonsum timber including fitting and fixing with necessary wood screw etc. as per drawing and direction complete.

Qnty. 264.00 Sqm @ Rs./Sqm Rs.....
(Rupees.....) only

Item No.29 : APPRON AND DRAIN

a) Plain cement concrete apron of 50mm thick in prop. 1:4:8 with 20mm down graded coarse agg. Over soling including neat cement finish using cement slurry 2.75kg of cement per sqm of floor (soling to be measured and paid for separately)

Qty. 69.00 Sqm @ Rs./Sqm Rs.....

(Rupees.....) only

Providing drain with brick work in cement mortar in prop. 1:5 with half brick thick side walls and 100mm thick CC(1:3:6) base over one brick flat soling including 15mm thick cement plastering in prop. 1:3 finished with a floating coat of cement slurry as directed with necessary earth work in excavation of foundation trenches and refilling the sides after completion of work etc. as specified.

300mm wide and average 250mm deep with bed slope 1 in 150 with initial depth of 100mm

Qty. 115.00 Rm @ Rs./Rm Rs.....

(Rupees.....) only

Total = Civil works = Rs.

(B) Water Supply and Sanitary :

Item No.1 : WATER CLOSET

a)Providing fitting and fixing white vitreous water closet squatting pan (Indian type Orissa pattern) of size 580 x 440mmHindware with all fittings and fixtures complete including cutting and making good the walls and floors wherever required.(Flushing Cistern to be paid separately)

Qty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

b)Providing fitting and fixing white vitreous china pedestal type water closet (European type W.C. pan 400mm high) of Parryware make with seat and lead , CP brass hinges and ruber buffers, CI/ MS brackets , 40mm dia flush band with fittings including painting of fittings and brackets

Qty. 1.00 No. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.2 : URINAL

Providing fitting and fixing white vitreous water closet squatting pan (Indian type Orissa pattern) of size 580 x 440mmHindware with all fittings and fixtures complete including cutting and making good the walls and floors wherever required.(Flushing Cistern to be paid separately)

Qty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.3 : WASH BASIN

Providing white vitreous china wash basin of size 550mm x 400 mm of Parryware/Cera make with CI/MS brackets. 32mm CP brass waste coupling of standard pattern C.P. brass chain with plug, PVC waste pipe including painting of fittings and brackets

Qty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.4 : COUNTER TOP WASH BASIN

Providing white vitreous china counter - top wash basin with CI/MS brackets. CP brass chain with plug, PVC waste pipe including painting of fittings and brackets, cutting and making good the walls wherever required .

Casecade NXT 550X445(cat.no.co430)(white)

Qty. 1.00 No. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.5 : SQUATING PLATE URINAL

Providing and fixing vitrious china squatting plate with automatic flushing cistern with standard flush pipe and CP brass spreader and brass unions, etc. complete including painting of fittings and brackets cutting and making good the wall and the floors wherever required.

Parryware Make (i) white (Cat.No. C0503)

Qty. 1.00 No. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.6 : BOTTLE TRAP

Providing fitting and fixing of 32mm dia. C.P. bottle trap Indian type with outlet pipe and wall flange of following size Ark Sona make for urinal etc. complete as directed

Qty. 5.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.7 : MIRROR

Providing fitting and fixing mirror with plastic frame of size 500x400mm complete as directed and specified.

Qty. 3.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.8 : SOAP DISH

Providing , fitting and fixing stainless steel soap dish of Sona make completed as specified and directed soap dish light(Cat. No.TR-0661)

Qty. 3.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.9 : TOWEL RAIL

Providing and fixing 450mm long C.P. towel rack of Sona make complete as directed and specified.

Qty. 3.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.10 : STOP COCK

Supplying fitting and fixing chromium plated stop cock(heavy) of Jaquar make of approved size as mentioned below as directed and specified (G.I. & C.P. pipes will be measured.

Angular stop cock 15mm dia

Qty. 6.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.11 : ROBE HOOK

Providing fitting and fixing chrome plated (CP) robe hookof Jaquar make completeas directed and specified Continental (Cat.No.ACN-1191N)

Qty. 3.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.12 : TOILET PAPER HOLDER

Providing fitting and fixing chrome plated (CP) toilet holderof Jaquare make complete as directed and specified Continental (cat.no.ACN-1141N)

Qty. 3.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.13 : PVC PIPES

Supplying, fitting and fixing PVC pipes of 6 Kg/cm2 (Supreme/Prince) or other ISI approved including joining ,fitting and fixing wiyh clamps etc.as necessary complete

Concealed chieselling or breaking brick wall/ CC/RCC and making good to the damages.

110mm dia

Qty. 5.00 M @ Rs./RM Rs.....

(Rupees.....) only.

75mm dia

Qty. 10.00 M @ Rs./RM Rs.....

(Rupees.....) only.

In exposed surfaces or in trench

110mm dia

Qty. 10.00 M @ Rs./RM Rs.....

(Rupees.....) only.

75mm dia

Qnty. 5.00 M @ Rs./RM Rs.....

(Rupees.....) only

Item No.14 : PVC PLAIN BEND

Supplying, fitting and fixing 87.5 degree PVC bend of (Supreme/Prince) or other ISI approved including joining ,fitting and fixing etc.as necessary complete

b) Concealed by chiselling or breaking brick wall/C.C./R.C.C and making good to the damages.

(ii) 110mm dia.

Qnty. 3.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

75mm dia

Qnty. 8.00 Nos. @ Rs./RM Rs.....

(Rupees.....) only

Item No.15 : 45 DEGREE BEND

Supplying fitting and fixing 45degree PVC bend of (Supreme/Prince) or other ISI approved including joining , fitting and fixing etc. as necessary complete

b) Concealed by chiselling or breaking brick wall/C.C./R.C.C and making good to the damages.

75mm dia

Qnty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only

Item No.21 : PVC PLAIN TEE

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

Concealed chieselling or breaking brick wall/ CC/RCC and making good to the damages

(ii) 110mm dia.

Qnty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

75mm dia

Qnty. 5.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only

Item No.16 : PVC DOOR TEE

Supplying fitting and fixing PVC 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 trench

110mm dia

Qnty. 1.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

75mm dia

Qnty. 1.00 No. @ Rs./Each Rs.....

(Rupees.....) only

Item No.17 : COWEL

Providing fitting and fixing 110mm dia PVC cowel with ISI make complete as directed and specified

Qnty. 2.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only

Item No.18 : GRATING

Providing fitting and fixing 75mm dia. C.P. Grating to the floors complete as directed and specified

Qnty. 5.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only

Item No.19 : INTERNAL WATER SUPPLY WORKS

Providing and fixing S.F.M.C. Brand 3 layer (outer green coloured UV Stabilised, middle black coloured UV Stabilised and innermost layer white coloured with antimicrobial property) Fusion welded PP-R(Poly propylene-random copolymer) pipes, SDR 7.4 having thermal stability for hot and cold water supply including all plain PP-R fittings and brass threaded PP-R fitting and clamping, cutting and making good to the damages.

concealed by chiseling or breaking brick wall/C.C/ R.C.C.and making good to the damages.

20 mm OD

Qnty. 25.00 M @ Rs./RM Rs.....
(Rupees.....) only.

Item No.20 : BIB COCK

Supplying fitting and fixing CP bib cock of 15 mm dia of approved brand as specified and directed. (GI & CP pipes will be measured separately)

Essco make (Delux/Sumthing spl/Tropical)

Bib cock short body

Qnty. 3.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only

Item No.21 : PILLAR COCK

Supplying and fitting fixing CP pillar cock of 15 mm dia of approved brand as specified and directed:

Sona make

Heavy type

Qnty. 3.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only

Item No.22 : SOAK PIT

Construction of filter bed in soak pit including earth work in excavation of soil and then filling up of the trench with brick bats/Charcoal covered with earth over a layer of AC plain sheet above brick bat filling complete as directed. (sizes of soak pit may vary depending on the sizes and capacities of the septic tank as well as the number of users as mentioned in the table.

Qnty. 10.00 Cum @ Rs./Cum Rs.....
(Rupees.....) only

Item No.34 : INSPECTION CHAMBER

Construction of inspection pit inside measurement 450 mm x 450 mm x 450 mm flush with 100 mm diameter HIC/PVC pipes and cement concrete base in proportion 1:3:6 over flat brick soling, 12 cm brick wall in cement mortar in proportion 1:4 finished with 13 mm cement plaster in proportion 1:2 in side wall and floor 450 mm x 450 mm air tight CI inspection pit cover and frame complete including supplying of materials, necessary excavation of pit as directed.

Qnty. 4.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only

Total Sanitary & Water Supply works = Rs.

(C) Electrical works :

Item No.1 : Wiring for light/ fan/ call bell point with 2x1.5 sq mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) with flat 19 mm ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.)

Medium point up to 6.00 metre. Length.

Qty. 78.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Long point up to 10.00 metre. Length.

Qty. 119.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.2 : Wiring to a 5 pin 6 Amps plug point with 1.5 sq. mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel or Equivalent Make as approved by the Deptt.) in surface/ recessed 2 mm thick/ heavy rigid ISI marked IS: 9537 PART - III rigid PVC conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) wiring system including 5 pin 6 Amps flush type plug socket and 6 Amps F/T switch

Medium point up to 6.00 metre. Length.

Qty. 2.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.3 : Wiring for 5 pin 6 amp plug with 1.5 sq mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel or Equivalent Make as approved by the Deptt.) including 5 pin 6 amp socket outlet (Anchor penta /Gold medal /Kolor kany.Kom/Havells or equivalent make as approved by the Deptt.) and 6 amp flush type switch

Qty. 27.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.4 : Wiring for 5 pin 6 amp plug with 1.5 sq mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel or Equivalent Make as approved by the Deptt.) including 5 pin 6 amp socket outlet (Anchor penta /Gold medal /Kolor kany.Kom/Havells or equivalent make as approved by the Deptt.) and 6 amp flush type switch

Extra long point up to 15.00 metre. length.

Qty. 8.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Extra long point up to 20.00 metre. Length.

Qty. 12.00 Nos. @ Rs./Each Rs.....

(Rupees.....) only.

Item No.5 : Wiring for circuit wiring with P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel or Equivalent Make as approved by the Deptt.) in surface/ recessed PVC conduit

With 3 x 1.5 sq. mm. cable in 20 mm dia. 2mm thick/ heavy rigid PVC IS: 9537 Part - III conduit.

Qty. 950.00 M @ Rs./M Rs.....

(Rupees.....) only.

Item No.6 : Wiring for drawing sub-main line with P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel or Equivalent Make as approved by the Deptt.)
With 4 x 4 sq. mm. + earth continuity with 2x2.5 sq. mm. cable in 25 mm. dia. 2mm thick/ heavy rigid PVC IS: 9537 Part - III conduit.

Qnty. 1700.00 M @ Rs./M Rs.....
(Rupees.....) only.

Item No.7 : (N/S):Supplying with fitting fixing of Fluorescent luminaries (LED TUBE LIGHT)complete with all accessories such as lamp,ballast,starter etc. directly onwall/ceiling including providing downrod etc as necessary, and connection as approved by the deptt.With 1.5 sq.mm. PVC insulated S.C. copper conductor as required and as directed by the deptt.

B) sleek extruded alluminium body type luminaries complete with end caps and size of 1200 mm 36 Watt fluorescent tube (SYSKA make) Model SSK-ILB-2036-36W with power lux 22W Tube.

Qnty. 172.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.8: Supplying with fitting fixing of following clean room luminaries of CFL either surface mounting or recessed mounted as specied and directed by the department, complete with all accessories such as ballast,lamp,starter etc.

CRFW12218EB(300) 2X18 W CFL Crompton Make in surface/recessed mounted IP 65 Bottom openable clean room luminaries with clear UV resistan acrylic with 2X 18 W CFL, or equivalent (Equivalent will be selected by the deptt. considering the mother items rate)
PHILIPS/WIPRO/JAKUAR make

Qnty. 25.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.9: Supplying with fitting fixing of following clean room luminaries of CFL either surface mounting or recessed mounted as specied and directed by the department, complete with all accessories such as ballast,lamp,starter etc.

Premium model 1400 mm Sweep. (ORIENT PSPO make) /Premium model 1400 mm Sweep SS-390 Deco. (Havells make)

Qnty. 52.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.10: Supplying including fitting and fixing of following A.C. Exhaust fan in the existing hole on the wall of following sweeps with making necessary connection as approved by the Deptt. as required complete and as directed by the Department.

Power Flow 225 mm sweep (ORIENT make)

Qnty. 2.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.11: Supplying fitting and fixing of ceiling fan regulator including connections etc. complete as required.
Electronic Type

Qnty. 54.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.12: Supplying with fitting and fixing sheet steel, phosphatised, powder painted dust & vermin proof reversible Double door (IP-43) surface mounting horizontal TPN MCB DB incorporated with bas-bar, Neutral link, Earth bar and din rail etc fitted on wall with grouting nuts & bolts as reqd. complete with making necessary connection as approved, specified and directed by the deptt.

12 way TPN (8+36) double door

Qnty. 4.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.13: Supplying with fitting and fixing single Pole 10 KA 240/415V 50Hz MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.

B Series(Schneider MG, legrand, Hager, Crabtree xpro make)

6 to 32A

Qnty. 36.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.14: Supplying with fitting and fixing 4P 10 KA 240/415V 50Hz MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt..

C Series (ABB, Schneider MG, legrand, Hager, Crabtree xpro make)

100A

Qnty. 8.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.15: Supplying with fitting and fixing panel mounting open execution 35/36KA 415V 50Hz 4P MCCB (Ics=Icu, adjustable Ir setting 0.7) without enclosure of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.

35/36 KA 415V 50 Hz 4P MCCB (Schneider, legrand, Siemens make)

250 A

Qnty. 1.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.16: Supplying, Fabrication, Erection ,Testing commissioning of vermin and dust proof (IP-43 protection) totally enclosed cubical type compartmental floor mounting panel board of size 1450mm x 1000mm x 500mm made of 16 SWG (1.66mm thick) C.R. sheet and 300mm x 30mmx5mm MS Angle having 4 nos legs at the bottom and C.R. sheet roofing on the top complete painting with 2 coats of Red Oxide metal primer and 2 coats of Enamel paint. The panel board is to be erected in 1 :3:6 PCC foundation including excavation complete neatly wiring done, with the provision for the following electrical accessories. Incomer 125A ,4Pole 25KA AC 415V MCCB with D.P. Handle OUTGOING TPN MCB 5nos
Control Wiring along with required size of copper bus bar

Qnty. 1.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.17 : Supply, installation & testing of G.I. Plate earth station with 600 mmx600 mmx6 mm heavy duty G.I. earth plate with necessary 40 mm dia. G.I. watering pipe with G.I. Fittings such as Socket, Tee, elbow, nipple and 50 mmx40 mm G.I. reducing socket for funnel including locking arrangement with 300 mmx300 mmx6 mm hinged cover C.I. cover plate complete with digging of earth pit, construction of brick chamber and plastering of both inner & outer surface of wall as specified and directed by the deptt .

Qnty. 2.00 Nos. @ Rs./Each Rs.....
(Rupees.....) only.

Item No.18: Supplying ,installation, testing & commissioning of 20 pair Unarmoured Telephone Cable through existing conduit in surface/ recess system.

Qnty. 360.00 M @ Rs./M Rs.....
(Rupees.....) only

Total = Electrical works = Rs.

Yours faithfully,
(Signature of Contractor)

Name in full _____

Address in full _____

Regd. No. _____

Mobile No.....

DIRECTORATE OF PHYSICAL PLANT; A.A.U: JORHAT
TENDER NOTICE

Sealed tenders in prescribed forms subsequently to be drawn up in F-2 forms are invited from interested eligible AAU registered contractors/Firms for the following works and will be received in the office of the undersigned at AAU Jorhat/Khanapara **up to 2.00 P.M. on 22.08.17** The tenders will be opened **on same day at 3.00 P.M.** in presence of intending tenderers or their representatives in the office of the undersigned. If the office happens to be closed on the dates of receiving and opening of Tenders as specified above, the Tenders will be received and opened on the next working day(s) at the same time and venue.

| S.L NO | Name of Work | Estimated Cost (in Rs) | Earnest money(in Rs) | Cost of Tender Document (in Rs) | Time of Completion |
|--------|--|------------------------|----------------------|---------------------------------|--------------------|
| 1. | Construction of Canteen Cum Indoor stadium at BNCA | 1,54,06,874.00 | 3,08,137.00 | 1000.00 | 12 Months |
| 2. | Construction of different Developmental Works at BNCA (Administrative Building with Class rooms, Library Building and Strengthening and Renovation of Old Boundary Wall) | 5,95,73,997.00 | 11,91,480.00 | 3000.00 | 18 Months |

The item wise rates are to be quoted both in figures and in words. The tenderers must mention the name of work on the body of envelop and in the tender.

The cost of the Tender Documents is to be deposited in the shape of A/C payee Demand Draft of a Nationalized Bank to be drawn in favour of the Director of Physical Plant, AAU, Jorhat-13 or in cash receipt which is non-refundable. The Tender Documents may be obtained from the office of the undersigned at AAU Jorhat/Khanapara **w.e.f. 16.08.17 to 19.08.17** during office hours on deposit of its cost. The tender documents may also be down loaded from the AAU's Web Site www.aau.ac.in in which case the cost of the tender documents in the shape of A/C payee Demand Draft must be deposited along with the tender.

All sealed tenders should be accompanied with the requisite (1) Earnest Money 2% in the shape of CDR/FDR of any Nationalized Bank duly pledged to the Director of Physical Plant, Assam Agril.University, Jorhat, (2) Copy of Registration Certificate, (3) Copy of PAN Card (4) Copy of Registration Certificate under VAT/GST (5) Copy of Work Completion Certificate of similar nature of single work issued by competent authority not below the rank of Executive Engineer (6) Copy of Govt. Electrical Licence (7) Copy of Labour Registration Certificate, without which the tender will not be considered to be qualified.

No store materials and tools and plants will be issued from the Departmental store. The work must be carried out as per the specification and direction of the Department. Details may be seen in the office of the undersigned during office working hours.

The Authority reserves the right to accept or reject all or any Tender without assigning any reason thereof.

Sd/-

Director of Physical Plant
Assam Agril. University,
Jorhat-13.

Memo.No. 01/2274/DPJ/2017-18/1360-65 dt. 9-8-17

INSTRUCTION TO TENDERERS

1. Intending Contractors must submit their Tenders in the prescribed Tender Document as mentioned in the Tender Notice. The intending Contractor who desires to submit Tenders on the Tender Documents down loaded from the Web Site must deposit the cost of Tender Document in the shape of A/C Payee Demand Draft along with their Tender.
2. Tenderer must deposit the requisite Earnest Money as per NIT. No transfer of Earnest Money will be considered.
3. Tenderer must submit copy of (1) Earnest Money 2% in the shape of CDR/FDR of any Nationalized Bank duly pledged to the Director of Physical Plant, Assam Agril.University, Jorhat, (2) Copy of Registration Certificate, (3) Copy of PAN Card (4) Copy of Registration Certificate under VAT Act. (5) Copy of Work Completion Certificate of similar nature of single work issued by competent authority not below the rank of Executive Engineer (60 % of the work) (6) Copy of Labour Registration Certificate, (7) Copy of up to date Govt. Electrical Licence without which the tender will not be considered to be qualified. All photocopies submitted should be attested.
4. Tenderer must be submitted workers registration certificate from competent authority at the time of agreement, under sub section (3) of Section 7 of the Building and other Construction workers.
5. In case of civil work where electrical works are also included, Tenderer must submit copy of valid electrical license either in his own name or in the name of sub-contractor whichever is applicable.
6. In case of civil work where electrical works are also included, Tenderer must submit copy of valid Electrical licence either in his own name or in the name of sub contractor whichever is applicable.
7. The firms submitting Tender must enclose copy of Power of Attorney authorizing the person to operate the contract and a copy of the constitution of the firm. In case of sole proprietary firm, a copy of Affidavit regarding ownership of the firm must be submitted.
8. Tenderer must attest all the documents personally by himself. The documents to be submitted by Tenderer in support of his Tender are subject to our verification. If any document submitted by a Tenderer is found to be false on verification, the tenderer will be held responsible and his Earnest Money will be forfeited.
9. No Tender will be allowed to be withdrawn after opening its sealed cover.
10. Tenderer must quote their rates both in figures and in words for all types of works mentioned in the Tender Document. Incomplete Tender will be considered as Irregular Tender.
11. Every correction on the Tender Paper must be supported by signature of the Tenderer before submission.
12. Tender incorporating any condition will be rejected.
13. Tender must be properly sealed in an envelope super scribing the name of work and duly addressed to the undersigned.
14. No Tenderer will be allowed to withdraw their Earnest Money for their unsuccessful tenders until the work order is finally issued.
15. The Contract must not be sublet except for electrical works which are combined with civil works and specified in the Tender Document. No power of attorney in any form will be accepted.
16. The department will not make any correspondence/transaction with other person/agency concerning the work.
17. The rate quoted by Tenderer should be inclusive of all taxes/duties currently imposed/to be imposed by the Govt till completion of the work.
18. The successful Tenderer shall have to deposit Performance Security @ 2 % on the total Tender Value in the shape of CDR/FDR/Bank Guarantee of a Nationalised Bank at the time of signing the formal Tender Agreement. If the Tenderer fails to complete the work within the stipulated time, his Performance Security shall also be forfeited.
19. The Tender will be valid for 180 days.
20. The work must be completed within the stipulated time. Penalty shall be imposed for the delayed period as per terms of the Contract Agreement.
21. The Contractor must use Rig and Compressor in installation of Deep Tube Well works.
22. The Instruction to Tenderers shall be part of NIT. The Terms and conditions mentioned in the NIT as well as in the Instruction to Tenderers and F-2 Form shall together form part of and parcel of the Contract Agreement
23. The item of work not covered by the schedule of items mentioned in the Tender Document, which are required to be done during execution, must be executed by the Tenderer as per analyzed rates to be approved by the Department.

24. The Tenderer must comply with all the terms and conditions of the Labour Laws currently in force.
25. The Tenders may be accepted in part also. The Authority reserves the right to accept or reject any tender without assigning any reason thereof.
26. The Tenderers must mention their telephone number and correct postal address in full. Otherwise, the tender will not be accepted for allotment.
27. The Tenderer may inspect the concerned Drawing, Site, F-2 Agreement Form etc. of the work before submission of the Tender.
26. Forest royalty will be deducted against the forest items unless proof of deduction at source indicated.
27. Works below 25.00 lakhs no running bill will be entertained.

Sd/-
Director of Physical Plant
Assam Agricultural University
Jorhat-13

Signature of the Contractor.