



File No: DTU/Engg.Cell/EDC/2019-20/09

Dated: 04-10-2019

NOTICE INVITING QUOTATION

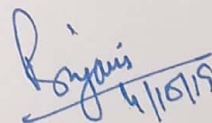
The Executive Engineer, Engineering Cell DTU invites, on behalf of Delhi Technological University, sealed percentage rate short terms quotations from Agencies up to 3:00 PM on 09/10/2019 for the following works, which shall be opened at 3:30 PM on the same day. Schedule of work along with terms and conditions can be obtained from office of the Executive Engineer on all working days by submitting an application along with a copy of TIN No. and PAN Card up to 03:00 PM on 09/10/2019.

S. No.	Name of Work	Estimated Cost (Rs.)	Time Allowed	Last date of Receipt of Quotation
1.	Renovation of entrepreneurship development office including construction of attached washroom on first floor building of old faculty block at East Delhi Campus of DTU, Vivek Vihar, phase-II. (Civil works).	2,38,028/-	15 days	09-10-2019

TERMS & CONDITIONS:-

7. The work shall be carried out as per CPWD specifications/manufacturer's specification.
8. The rates quoted should be inclusive of all the taxes and duties & nothing extra shall be paid.
9. The quotations which are issued from the office of EE shall only be accepted, quotations in other forms shall be summarily rejected without assigning any reasons.
10. No T&P shall be issued to the firm by the department.
11. All necessary recoveries for labour cess and taxes etc. shall be recovered from the bill.
12. Penalty shall be imposed on account of delay of work beyond stipulated time as per the discretion of Engineer-In-Charge.

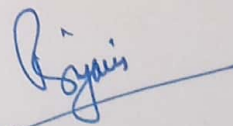
Enclosure: Schedule of work.


4/10/19

**Executive Engineer
DTU Campus, Bawana Road
Delhi**

Copy to:-

1. Sr. Account Officer, DTU
2. JE (Civil)
3. Notice Board
4. Computer Centre (to upload on DTU Website).



**Executive Engineer
DTU Campus, Bawana Road**

11/c

No.	Description of items	Unit	Qty.	Rate	Amount (Rs.)
CIVIL WORKS SCHEDULE					
1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar.	cum	1.00	842.75	₹ 842.75
2	Fixing chowkhat in existing opening in brick/ RCC wall with dash fasteners/ Chemical fasteners of appropriate size (3 nos on each vertical member of door chowkhat and 2 nos on each vertical member of window chowkhats), including Cost of dash fasteners/ chemical fastener.	each	2.00	157.95	₹ 315.90
3	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Second class teak wood	cum	0.30	92,743.05	₹ 27,822.92
4	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	sqm	1.50	1,559.75	₹ 2,339.63
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	6.50	5,801.50	₹ 37,709.75
6	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	270.00	58.45	₹ 15,781.50
7	Providing sand stone slab for roofing and laying them in cement mortar 1 : 4 (1 cement : 4 coarse sand) over wooden karries or R.C.C. battens or structural steel sections (Karries or battens or structural steel sections to be paid separately), including pointing the ceiling joints with cement mortar 1:3 (1 cement : 3 fine sand) complete : Red sand stone slab	sqm	15	560.05	₹ 8,400.75

Abraham Cross
JE (C)

R. D. Mishra
A.E.

Rajani

8	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing : 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	Cum	0.50	6,547.70	₹	3,273.85
9	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.					
	75 mm diameter	Mtr	14.00	148.75	₹	2,082.50
	110 mm diameter	Mtr	8.00	236.35	₹	1,890.80
10	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.					
	Coupler					
	75 mm	Each	1.00	64.95	₹	64.95
	Single tee without door					
	75x75x75 mm	Each	3.00	105.25	₹	315.75
	110x110x110 mm	Each	1.00	167.60	₹	167.60
	Bend 87.5°					
	75 mm bend	Each	3.00	76.55	₹	229.65
	110 mm bend	Each	3.00	113.10	₹	339.30
11	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.					
	25 mm nominal outer dia Pipes	Mtr	9.00	333.60	₹	3,002.40

Atchay Chary
JE (C)

Monty Ray
A.E.

Royan

	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work				
	25 mm nominal outer dia Pipes	Mtr	40.00	191.65	₹ 7,666.00
13	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand)	sqm	55.00	200.25	₹ 11,013.75
14	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	sqm	5.00	1,119.40	₹ 5,597.00
15	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm	sqm	21.00	1,135.20	₹ 23,839.20

Alexander Cross
SE/CY

Shiv Pr Singh
A.E.

Rajendra

<p>6 Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on interlocking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x 1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanized butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.</p>				
<p>8 mm thick fully perforated calcium silicate board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process to give stable crystalline structure with minimum compressive strength 225 kg/ sq. cm, bending strength 100 kg/sq. cm , of size 595x595 mm, having perforation of dia. 10 mm with minimum perforated area 18 % with non woven tissue on the back side, having an NRC (Noise Reduction Coefficient) of 0.85, with 50 mm thick rockwool of 48 kg /cum backing.</p>	sqm	42.00	1,221.80	₹ 51,315.60

Alkhan Garg
J.E.C.

R. Chaitanya
A-E

Rajni

7/c

Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :

	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- Part I	sqm	5.00	806.20	₹	4,031.00
18	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	72.00	87.35	₹	6,289.20

Alexander Wang
J.E./C

Pranav Kumar
A.E.

Bojain

	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With water hinnable cement primer on wall surface having VOC content less than 50 grams/litre	sqm	72.00	36.95	₹	2,660.40
20	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.					
	Two coats	sqm	77.00	71.00	₹	5,467.00
21	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :					
	Two or more coats on new work	sqm	42.00	78.40	₹	3,292.80
22	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	sqm	114.00	10.80	₹	1,231.20
23	Renewing glass panes and re fixing existing wooden fillets: Float glass panes of thickness 4 mm	sqm	1.00	688.65	₹	688.65
24	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	sqm	5.00	298.30	₹	1,491.50

Abhishek Choudhary
JELU

Pranishtha
Arefy

P. Jayan

5/0

25	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge. With stainless steel cover plate minimum 1.25 mm thickness	Each	2.00	2,054.40	₹	4,108.80
	Total=				₹	233,272.09
	Add 12.75% cost index on DSR items=				₹	29,742.19
	Total=				₹	263,014.28
	Less 9.50% as per circular on DSR items=				₹	-24,986.36
	Total=				₹	238,027.92
	Say				₹	238,028.00

Hemant Chandra
J.E. (C)

Hemant Chandra
A.E, DTU

P. Singh
Executive Engineer