

कुमाऊँ विश्वविद्यालय, नैनीताल

निविदा प्रपत्र

- 1-प्रत्येक कार्य हेतु पृथक-पृथक निविदा फार्म सीलबन्द लिफाफे में अधोहस्ताक्षरी के कार्यालय में निर्धारित तिथि एवं समय तक डोंक/निविदा बॉक्स में डाली जानी आवश्यक होगी।
- 2- प्रत्येक निविदा के साथ रू0 100 का नॉन ज्यूडिशियल स्टाम्प पर एक रूपये का हस्ताक्षरयुक्त रसीदी टिकट प्रेषित करना अनिवार्य होगा।
- 3-प्रत्येक निविदा के साथ निर्धारित धरोहर राशि एफ0डी0आर0/एन0एस0सी0 के रूप में वित्त अधिकारी, कुमाऊँ विश्वविद्यालय, नैनीताल के पक्ष में बन्धक बनाकर सलमन करनी आवश्यक होगी।
- 4-निविदा फार्म निर्धारित शुल्क में लेखा अनुभाग से या वित्त अधिकारी के पदनाम से डिमांड ड्राफ्ट बनाकर प्राप्त किये जा सकते हैं।
- 5- निविदादाता को चाहिए कि वे निविदा देने से पूर्व कार्यस्थल का निरीक्षण कर लें।
- 6-समस्त कार्य लाक निर्माण विभाग द्वारा समय-समय पर निर्गत निर्धारित मानकों/शर्तों के अनुरूप सम्पादित किये जायेंगे।
- 7-किसी एक/समस्त निविदा को स्वीकृत/अस्वीकृत करने का अधिकार अधोहस्ताक्षरी के पास सुरक्षित होगा।

कुमाँ सचिव  
C/An

## Tender form

Name of work- CONSTRUCTION OF CLASSROOM (LIGHT GAUGE FRAMED STRUCTURE) AT KRISHNAPUR, Kumaun University, Nainital  
 Date of calling Tender-02-07-2022 Date of opening Tender-16-07-2022 Cost of Tender form-1770.00  
 Earnest Money Rs. 38,100-00 Time of completion-45 Days Validity of Tender-60 Days

S.N.	DESCRIPTION	UNIT	QTY	ESTIMATED RATE IN (Rs.)
1	surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish lead up to 50m and lift upto 1.5 m	SQM	108.00	29.22
2	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge: All kinds of soil	CUM	45.27	218.22
3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	CUM	18.90	263.58
4	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	CUM	18.90	2343.66
5	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1 : 2 (1 cement : 2 Coarse sand) to match the existing floor: 2.35.3.1 With Chlorpyrifos/Lindane E.C. 20% with 1% concentration	SQM	63.00	272.46
6	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	CUM	2.88	6947.52
7	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	CUM	5.44	7651.50
8	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	SQM	5.36	9261.90
9	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	CUM	4.32	11167.20
10	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	CUM	7.82	11716.56

11	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more (1.5% oRCC)	kg	2060.62	100.20
12	Centering and shuttering including strutting, propping etc. and removal of form work for :	SQM	22.80	341.82
c)	Plinth beam	SQM	28.80	662.46
d)	" Column	SQM	11.40	928.44
e)	For slab	SQM	78.21	831.66
13	Providing and fixing of external wall system on Light gauge steel frame work with . Outer face having 6mm thick heavy duty fiber cement board fixed on 9mm thick heavy duty fiber cement board confirming to IS 14862:2000, category IV type A (High pressure steam cured) as per standard sizes fixed with self-drilling / tapping screws / fasteners @ 60cm c/c of approved make. A groove of 2 mm to 3mm shall be maintained and groves shall be sealed with silicon based sealant. The board shall be fixed in a staggered pattern.Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick of 8 to 10 gauge of length varying from 25 to 45 mm and internal face 12.5mm thick gypsum plaster board fixed on 8mm thick fiber cement board confirming to IS 14862:2000 of category III type B (High pressure steam cured) as per standard sizes fixed with self-drilling / tapping screws / fasteners @ 60cm c/c of approved make, proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately).	SQM	87.60	4102.74
14	Providing and fixing in all exterior face panels breathable vapour barrier underneath the cement fiber board as per National Building Code 2009 complete as per direction of Engineer-in-charge.	SQM	87.60	352.74
15	Providing and fixing pressed steel door frames conforming to IS: 4351, manufactured from commercial mild steel sheet of 1.60 mm thickness, including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25 mm, or base ties of 1.60 mm, pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge: Fixing with adjustable lugs with split end tail to each jamb	RM	10.00	568.56
16	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	4.00	2264.04
17	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 @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	SQM	63.00	1800.66

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18	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone - III) : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	SQM	15.21	736.86	3
19	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	87.60	138.18	
20	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	SQM	87.60	184.14	
21	providing and fixing fall ceiling at all heights including providing & 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) : 2011 (Board with BIS certification marks)	SQM	63.00	3411.18	
22	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished seamless type tubes		1650.00	189.24	
23	Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double	SQM	6.00	8051.52	

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glass panes, wire mesh and silicon sealant shall be paid separately) Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made. Two track two panels sliding window made of (small series)  
 frame 52 x 44 mm & sash 32 x 60 mm both having wall thickness of  $1.9 \pm 0.2$  mm and single glazing bead of appropriate dimension. (Area of window upto 1.75 sqm)

24	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : 7.1.1 Cement mortar 1:6 (1 cement : 6 coarse sand)	CUM	27.00	8987.94
25	Finishing walls with Acrylic Smooth exterior paint of required shade : 13.46.1 New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	SQM	87.60	197.64

Note- All the work shall be carried out as per P.W.D. specification and directed by engineer/incharge.

I/We tender.....%below/above on the given Estimated Rates.

Sig. of Contractor  
 (With full address)

  
 Registrar  
