

## NOTICE INVITING QUOTATION

Date: 23.05.2017

Sealed item rate quotation are hereby invited from the approved contractor enlisted with CPWD, MES, Railways and working contractor of Delhi University for Construction of Recreation Room near old building lift at Satyawati College, Ashok Vihar, Phase-III, Delhi.

Name of work: Construction of Recreation Room near old building lift at Satyawati College, Ashok Vihar, Phase-III, Delhi.

Estimated Cost: ₹ 4,59,888/-

Time period for completion of the work: 30 days from the seventh day of issue of award letter/work order.

Date of receiving of tender document : 16.06.2017 at 3.00 p.m.

Date of opening tender document: 16.06.2017 at 3.30 p.m.

Earnest Money: ₹9,200/- in form of CDR, DD in favor of '**Principal, Satyawati College**'.

Tender opening/receiving authority: Principal, Satyawati College, Ashok Vihar, Delhi

Undertaking:

I/We hereby quote item rate/percentage rate \_\_\_\_\_ above/below/ at par on the estimated cost of ₹ 4,59,888/-

Signature of Contractor

  
Signature of Principal

I/We hereby undertake our agency have not been black listed/debarred in any government/semi-government organization since last three years.

Signature of Contractor

Conditions:

1. No conditional tender will be accepted
2. College authority reserves the right to accept or reject any or all tenders without assigning any reason thereof.
3. CPWD specification will be followed with up-to-date correction slip.
4. Rate quoted will be in figure and words.
5. 1.5% water charge will be recovered from the gross amount of work done.
6. No deviation/extra item/substitute item shall be carried out without the approval/sanctioning of the competent authority.
7. Payment will be made after due satisfaction of competent authority.
8. Taxes as applicable from time to time will be deducted from the gross amount of bill i.e. VAT 4%, Income Tax 2%, Work Labour Cess 1%.
9. The material used in the work got approved from the competent authority. Without sample approval the work seems to be rejected and no payment will be made for.
10. Electrical works are to be carried out through license holder.
11. The tender papers will be considered with relevant documents like registration of contractor, PAN card, VAT, Service Tax etc (if applicable).

## ESTIMATE

**Name of Work:** Construction of Recreation Room near old building lift at Satyawati College, Ashok Vihar, Phase-III, Delhi

### Schedule of Quantity for Recreation Room

S.No.	Description	Quantity	Unit	Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. All kinds of soil	16	cum		
2	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.	10	cum		
	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)	7	cum		
	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)	16	cum		
5	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 up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	3	cum		
6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars	350	Kg		
7	Centering and shuttering including strutting, propping etc. and removal of form for :Suspended floors, roofs, landings, balconies and access platform	20	sqm.		
8	12 mm cement plaster of mix :1:4 (1 cement: 4 coarse sand)	65	sqm.		
9	15 mm cement plaster on rough side of single or half brick wall of mix :1:4 (1 cement: 4 coarse sand)	50	sqm.		
10	6 mm cement plaster of mix :1:3 (1 cement : 3 fine sand)	20	sqm.		

S.No.	Description	Quantity	Unit	Rate	Amount
11	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	20	sqm.		
12	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), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	25	sqm.		
13	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	115	sqm.		
14	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 tinnable priming coat with cement primer	60	sqm.		
15	Finishing walls with textured exterior paint of required shade: New work (Two or more coats applied @ 3.28 ltr/10 sqm) over	65	sqm.		

S.No.	Description	Quantity	Unit	Rate	Amount
16	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture spintone/ cosmos / Hexa or equivalent of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main "T" at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to form grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calicum silicate ceiling tiles of approved texture(Spintone / Cosmos/hexa) in the grid, including, cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T', bottom exposed with 24 mm of all Tsections shall be pre-painted with polyster baked paint, for all heights, asper specifications, drawings and as directed by engineer-in-charge.Note :- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/opening (cut outs) having area less than 0.30 sqm.The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection > 85%, noncombustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity <0.043 w/m K.	20	sqm.		
17.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle. Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)	80	kg		
17.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)	100	kg		

S.No.	Description	Quantity	Unit	Rate	Amount
18	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge.(Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5.50 mm thickness	6	sqm.		
19	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	1	each		
20	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete :100x10 mm	25	each		
21	Providing and fixing cup board shutters with 25 mm thick veneered particle board IS : 3097 marked, exterior grade (Grade I), of approved make, including Hnd class teak wood lipping of 25 mm wide x 12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of Engineer-in-Charge.With decorative veneering on one side and commercial veneering on other side	2	sqm.		
22	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	20	cum		
23	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 40 to 50 mm thick	20	sqm		
24	Grading roof for water proofing treatment withCement concrete 1:2:4 ( 1 cement : 2 coarse sand : 4 gradedstone aggregate 20 mm nominal size)	2	cum		

S.No.	Description	Quantity	Unit	Rate	Amount
25	<p>Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand ) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the Engineer-in-Charge :With average thickness of 120 mm and minimum thickness at khurra as 65 mm.</p>	22	sqm		
			TOTAL		