

MOTILAL NEHRU COLLEGE : BENITO JUAREZ MARG : NEW DELHI

MNC/BJM/2020/

Date : 11.12.2020

TENDER NOTICE

Sealed quotations are invited for repairing and waterproofing of the administrative block terrace of Motilal Nehru College from authorized contractors of Delhi University, PWD, CPWD, MES etc. with the following term and conditions.

Term & Conditions:-

1. All the work should be completed within 3 month at the maximum time from the date of award of work.
2. Payment will be made through RTGS/NEFT after completion of work with in fifteen days. All payment will be subject to deduction of taxes at source as per applicable rules.
3. Quotation should reach to **The Principal, Motilal Nehru College, Benito Juarez Marg, New Delhi-110021** latest by 26.12.2020 up to 1.00 p.m. & the same will be opened on 28/12/2020 at 2.00 p.m.
4. Please write top of the envelop "*Quotation for Repairing and waterproofing of terrace*".
5. The bidders are required to attach a copy of GST/VAT registration certificate of the firm.
6. In the event of any dispute arising between the parties hereafter referred as Motilal Nehru College and Contractor in respect of or connected with this quotation in all such matters the venue of proceedings will be Delhi and only Delhi or appropriate Courts will have jurisdiction over the same.
7. Principal, Motilal Nehru College reserves the right to accept or reject any or all offer without assigning any reason thereof.
8. Please give your rates in prescribed proforma with details as given below :-
9. The Tenderers may visit the college to see the site for submitting the tender:-

REPAIR AND TERRACE WATER PROOFING OF ADMINISTRATIVE BUILDING OF MOTILAL NEHRU COLLEGE

DSR ITEM NO.	Agg. Item/Extra Item No.	Item Description	Quantity	Units	Rate	Total Amount
1.1.18	1	Disposal of moorum /building rubbish/maiba/similar unserviceable ,dismantled or waste material by mechanical transport including loading , transporting unloading to approved municipal dumping ground for lead up to 10 km for all lifts, complete as per directions of Engineer -in-charge. Note:- item to be applicable in urban areas having directions for restricted hours for movement/plying of load carrying motor vehicle of 3.5 cum or more.	120.00	cum		
* 4.1	2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
4.1.10	a	1:5:10 (1 cement : 5 coarse sand (zone-III): 10 graded stone aggregate 40 mm nominal size)	3.00	cum		
4.1.3	b	1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	2.00	cum		
5.3	3	Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	22.00	meter		

5.9	4	Centering and shuttering including strutting, propping etc. and removal of form for all heights :				
5.9.3	a	Suspended floors, roofs, landings, balconies and access platform	5.00	Sqm		
5.9.5	b	Lintels, beams, plinth beams, girders, bressumers and cantilevers	5.00	Sqm		
5.9.16.2	c	Edges of slabs and breaks in floors and walls	12.00	sqm		
5.9.19	d	Weather shade, Chajjas, corbels etc., including edges	22.00	sqm		
5.22.6	5	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 of grade Fe-500 D or more.	300.00	kg		
* 6.4	6	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 1:6 (1 cement : 6 coarse sand)	2.50	cum		
10.2	7	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	97.52	kg		
12.21	8	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :				
*		12.21.1 In 75x75 mm deep chase	75.00	metre		
12.22	9	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	12.00	each		
* 12.41	10	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.				
12.41.2		12.41.2 110 mm diameter metre	144.00	M		
12.42	11	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.				
12.42.1	a	12.42.1 Coupler				

12.42.1.2	b	12.42.1.2 110 mm	36.00	each		
12.42.3	c	12.42.3 Single tee with door				
12.42.3.2	d	12.42.3.2 110x110x110 mm	6.00	each		
12.42.4	e	12.42.4 Single tee without door				
12.42.4.2	f	12.42.4.2 110x110x110 mm	6.00	each		
12.42.5.2	g	12.42.5 Bend 87.5°				
12.42.6	h	12.42.5.2 110 mm bend	12.00	each		
12.42.6	i	12.42.6 Shoe (Plain)				
12.42.6.2	j	12.42.6.2 110 mm Shoe	12.00	each		
* 12.43	12	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement: 4 coarse sand) and making good the wall etc. complete.				
12.43.2		12.43.2 110 mm	24.00	each		
12.44	13	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	12.00	each		
13.1.1	14	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	45.00	sqm		
13.2	15	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand).	34.00	sqm		
13.16	16	6 mm cement plaster of mix :				
13.16.1		1:3 (1 cement : 3 fine sand)	75.30	Sqm		
13.78	17	Providing and applying 12 mm thick (average) premixed formulated one coat gypsum lightweight plaster having additives and light weight aggregates as vermiculite/ perlite respectively conforming to IS: 2547 (Part - 1 & II) 1976, applied on hacked / uneven background such as bare brick/ block/ RCC work on walls & ceiling at all floors and locations, finished in smooth line and level etc. complete.	12.00	sqm		
* 13.99	18	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
13.99.1		One or more coats on old work	12.00	Sqm		

* 13.103	19	French spirit polishing : Two or more coats on new works including a coat of wood filler.				
13.103.1		One or more coats on old work	28.00	sqm		
13.109	20	Finishing walls with water proofing cement paint of required shade :				
13.109.2		Old work (one or more coats applied @ 2.20 kg/10 sqm)over priming coat of primer applied @ 0.80 litres/10 sqm complete including cost of Priming coat.	220.00	sqm		
14.3	21	Regrading terracing of mud phaska covered with tiles or brick, in cement by dismantling tiles or bricks, removing mud plaster, preparing the surface of mud phaska to proper slope, relaying mud plaster gobri leaping and tiles or bricks, grouted in cement mortar 1:3 (1 cement : 3 fine sand), including replacing unserviceable tiles or bricks with new ones and disposal of unserviceable material to the dumping ground (the cost of the new tiles or brick excluded), all complete as per directions of Engineer-In-Charge.	300.00	sqm		
14.5	22	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:				
14.5.2		14.5.2 Float glass panes of thickness 5.5 mm	3.00	sqm		
15.2	23	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
15.2.1		Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	2.00	cum		
15.3	24	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	6.00	cum		
* 15.7	25	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.				
15.7.4		15.7.4 In cement mortar	6.34	cum		
15.12	26	Dismantling doors, windows and clerestory windows (steel or wood) shutter including howkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
15.12.1		15.12.1 Of area 3 sq. metres and below	3.00	each		
15.42	27	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead :				
		15.42.2 100 mm dia pipe	144.00	metre		

15.56	28	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	34.00	sqm		
18.8	29	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.				
18.8.3	29.01	25 mm nominal outer dia .Pipes.	10.00	meter		
18.8.4	29.02	32 mm nominal outer dia .Pipes.	10.00	meter		
18.9	30	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				
18.9.5		40 mm nominal outer dia .Pipes.	10.00	meter		
26.29	31	Cleaning of reinforcement from rust from the reinforcing bars to give it a total rust free steel surface by using alkaline chemical rust remover of approved make with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry, all complete as per direction of Engineer-In-Charge. the reinforcement bars to give it a totally rust free finished steel surface (Mode of measurement -concrete surface area with exposed reinforcement).				
26.29.1	31.01	Bars upto 12 mm diameter	480.00	meter		
26.29.2	31.02	Bars above 12 mm diameter	120.00	meter		

	32	<p>Shotcreting R.C.C. columns, beams and slabs etc. in layers with approved design mix concrete having the specified minimum characteristic compressive strength [with ordinary portland cement, coarse sand and graded stone aggregate of 10 mm maximum size in proportion as per design criteria] including the cost of centering and shuttering at edges and corners etc. as directed by Engineerin-Charge</p> <p>Note: Rates shall include the providing necessary ground wires etc.</p> <p>The levelling gauges, if used, shall be paid for separately.</p> <p>Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding/ tapping with a blunt metal instrument.</p>				
26.38.2		50mm thick in Grade M 25 with cement content not less	90.00	sqm		
based on 26.31	33	<p>Providing and application of bond coat on the concrete surface by mixing high dispersion SBR latex like MasterEmco SBR2 of BASF with white cement in the ratio of 2:3. The mixing should be done to a lump free consistency for the bond coat and the screed/ mortar should be applied once the bond coat is tacky. Master Emco SBR 2 of BASF or Nitobond SBR (Latex) of Fosroc or equivalent.</p>	22.00	sqm		
Non DSR Item	34	<p>Providing and supplying the one competent, Polymer modified cementitious anti- corrosive primer (having the technical parameters mentioned in material specifications) formulated to provide dual protection of a polymeric barrier and an integral corrosion-inhibiting system, to the existing steel and additional steel provided before patching of damaged areas, using suitable tools and equipment inclusive of Material, Manpower and Equipment. BASF Master Emaco P130/ Fosroc Nitoprime Zincrich /Sika Rustoff 100 or other equivalent (mode of measurement -concrete surface area with exposed reinforcement).</p>	22.00	sqm		
Non DSR Item	35	<p>Providing and fixing 10mm dia mild steel/HYSD steel U-shaped hooks with two components, styrene & cement free epoxyacrylate fixing and anchoring compound (having the technical parameters mentioned in material specifications) using standard sealant applicator gun after drilling holes of required diameter to a minimum depth of 75 mm at required locations, for holding / fixing / placing in position the steel mesh reinforcement at desired level/ stretching, inclusive of all material, manpower and equipment Masterflow 935 of BASF/ Lokfix P25 of Fosroc or equivalent.</p>	68.00	no		

