

## Annexure-2

### SCHEDULE OF ITEMS FOR QUOTING RATES ONLY

(This annexure to be uploaded in PDF along with BoQ)

**NAME OF WORK:- Repair, Renovation and Maintenance of Building- National Council for Promotion of Urdu Language at Institutional Area Jasola New Delhi.**

Sl. No.	Description of Items	Rate Only	Qty	Unit	Rate in		Amount INR
					Fig.	Word	
1	<b>EARTH WORK:</b> Supplying, diluting and injecting chemical emulsion of chlorpyriphose mulsifiable concentrate of 20% for post constructional anti termite treatment (a) Treatment at points of contact of wood work by chemical emulsion chlorpyriphos (in oil or kerosene based solution) @ 0.5 litre per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm center to center and sealing the same.	RO	00	meter			
2	(b) Along external wall where the apron is not provided using chemical emulsion @7.5litres / sqm of the vertical surface of the substructure to a depth of 300mm including excavation channel along the wall and rodding etc. with chlorpyriphos emulsifiable concentrate of 20% with 1% concentration.	Ro	00	meter			
3	<b>CONCRETE WORK :</b> Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (a) 1:4:8 (1: cement: 4 coarse sand (zone-III) derived from natural sources: 8 graded stone aggregate 40 mm nominal size) nominal size derived from natural sources.)	RO	00	cum			
4	(b) 1:1.5:3 (1 Cement: 1.5 coarse sand (zone III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	Ro	00	cum			
5	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 : (a) 1:1.5:3 (1 Cement: 1.5 coarse sand (zone III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	RO	00	cum			
6	(b) 1:1.:2 (1 Cement: 1 coarse sand (zone III) derived from natural sources : 2 graded stone aggregate 20 mm nominal size derived from natural sources)	RO	00	cum			

7	<b>MASONRY WORK:</b> Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in super structure above plinth level up to floor V level: (a) Cement Mortar 1:3 (1cement :3 coarse sand)	RO	00	sqm			
8	<b>CLADDING WORK:</b> Providing and fixing 75 cm high, 50 cm deep or other suitable size and 10 mm thick urinal partitions made of ceramic and fixed with stainless steel clamp / bracket including screws etc. complete as per direction of competent authority.	RO	00	sqm			
9	<b>FLOORING:</b> Providing and laying rectified anti skid Glazed Ceramic floor tiles of size 600x600 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS: 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm 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:	RO	00	sqm			
10	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 brand and manufacturer, 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. (a) The glazed vitrified tiles matt/antiskid finish size 600x600 mm	RO	00	Sqm			
11	Deduct for not using 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm	RO	00	sqm			
12	Fixing glazed/ ceramic / vitrified floor tiles cement based high polymer modified quick set tile adhesive (water based) conforming to IS:15477 in average 3mm thickness	RO	00	sqm			
13	Grouting joints of flooring tiles having joints of 3mm width, using epoxy grout mix of 0.07Kg of organic coated filler of desired shade (0.10kg hardener and 0.20Kg of resin per Kg) including filling / grouting and financing complete as per direction of competent authority. Size of tile 600x600 mm.	RO	00	sqm			
14	Providing and laying insulation tiles of size 300x300mm or more ((thickness to be specified by the manufacturer), of 1 <sup>st</sup> quality of approved make, & shade, laid on 10 to 15 mm thick adhesive of approved brand including providing 3mm spacer and jointing with marching epoxy grouting and matching pigments etc., complete.	RO	00	sqm			
15	<b>ROOFING:</b> Providing and fixing false ceiling with 12mm tick water proof ply confirming IS: 710 with both side 1mm thick lamination of approved brand & shade with necessary fixing arrangement and screws etc. all complete.(Frame work to be paid separately)	RO	00	sqm			
16	<b>FINISHING:</b> Providing and fixing fiber mesh of approved quality under cement plaster layer as per direction of competent authority.	RO	00	sqm			

17	<b>REPAIRS TO BUILDINGS: Providing</b> and filling foam concrete in sunken floor of WC, bath etc. including all lead and lift complete as per direction of engineer-in-charge.	RO	00	cum			
18	Providing and fixing double scaffolding system (cup lock type) on the exterior side, upto seven story height made with 40mm dia ms tube 1.5 meter centre to centre, horizontal and vertical tubes joining with cup and lock system with ms tube, ms tube challies, MS clamps and MS staircase system in the scaffolding for working plat form etc and maintaining it in a serviceable condition for the required duration as approved and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc. wherever required for inspection of work at required location with essential safety features for the work men etc complete as per directions and approval of Engineer-in- Charge. The elevational area of the scaffolding shall be measure for payment purpose. The payment well be made once irrespective of duration scaffolding. <b>Note:- this item to be used for maintenance work judicially necessary deduction for scaffolding in the existing item to be done.</b>	RO	00	sqm			
19	<b>ROAD WORK:</b> Cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete.	RO	00	cum			
20	<b>WATER PROOFING:</b> Providing and laying water proofing treatment on roofs of slabs applying cement slurry mixed with water proofing cement compound consisting of applying. (i) After surface preparation, 1st layer of slurry @ 0.488 kg / sqm mixed with water proofing cement compound@ 0.25Kg/sqm. (ii) Laying 2 <sup>nd</sup> layer of fiber glass cloth when the 1 <sup>st</sup> layer is still green. Over laps of joints of fiber cloth should not be less than 10 cm. (iii) 3 <sup>rd</sup> layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 Kg /sqm mixed with water proofing cement compound @ 0.670Kg/sqm and coarse sand @ 1.289Kg/sqm. (iv) 4 <sup>th</sup> and final layer of brick tiling with cement mortar 1:4 (1 cement: 4 coarse sand) mixed with 2% integral water proofing compound	RO	00	sqm			
21	<b>MISCELLANEOUS ITEMS:</b> Chipping of unsound / weak concrete material from slabs, beams, columns etc with manual chisel and /or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including the exposed concrete surface and reinforcement with wire brushes etc and disposal of debris or all lead lifts all complete as per direction of engineer-in –charge.	RO	00	sqm			
22	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 twenty four 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. (a) Bars upto 12mm dia meter	RO	00	Meter			
23	Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of Engineer-in –charge complete in all respect: (a) Epoxy bonding adhesive having coverage 2.20 sqm/kg of approved make.	RO	00	sqm			
24	Providing, mixing and applying SBR polymer (of approved make) modified cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used ) as per specifications and direction of Engineer-in –charge complete in all respect. (a) 25mm average thickness in 2 layers.	RO	00	sqm			
25	Providing and Fixing 8 mm thick transparent acrylic sheet of approved brand required shall be fixed to existing structure with 25 mm micron, powder coated aluminum Alcon section top and bottom profile and water Proof EPDM gasket on both side of joints so as to make the roofing water tight. Alcon aluminum section shall be fixed 1.50 metre centre to center of top and bottom to the structure. EPDM gasket and aluminum profile shall be fixed with silicon sealant(winsil-20) with acrylic sheet and profile, shall be fixed with self tapping and self drilling 55mm long steel screw not more than 300mm centre to centre. Rate shall be inclusive of cost of material, taxes, cartage and labour to fix at site as per actual requirement. Rate for steel structure if required shall be paid for separately. Finished curved / flat as per actual execution at site shall be measured for payment.	RO	00	sqm			
26	<b>ELECTRICAL ITEMS:</b> Providing and fixing 20watts single LED tube light of approved brand like Philips or equivalent.	RO	00	each			

**Note:**

1. GST and other taxes will be as per the Act/Rule/Govt. order passed from time to time
2. Rates quoted for the items shall be inclusive of all taxes.
3. If the quality of material supplied is not up to the mark or specifications of the tender documents the same will have to be lifted back without any liability to NCPUL.
4. Quantity of items may increase or decrease as per actual requirement at a particular monument/Site
5. L-1 agency will be decided on the basis of rates quoted in BoQ.
6. Rates quoted in the Annexure-2 will not affect (R) will not affect deciding factor L-1.

Date:  
Place:

Signature of authorized person(s)  
Full Name:

Seal of the agency