

**TENDER FOR MODIFICATION OF TRANSIT HOUSE BUILDING, IDRBT PREMISES  
ANNEX 2 (PRICE BID)**

S.No	Description	Unit	Qty	Rate	Amt
1	Dismantling of existing complete toilet including brick work, roofing sheet, ewc/iwc, pipeline(water+drain), floor tiles, wall tiles, taps wash basin, window, concrete projection of window etc, including any wiring, switch board, etc complete at all heights and elevation, manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material outside the premises as per direction of Engineer-in-Charge	L/S	1.00		
2	Providing and laying vitrified floor tiles 10mm thick with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in approved 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. including filling / grouting and finishing complete as per direction of Engineer-in-charge. Size of Tile 600x600 mm.	SM	22.00		
3	<b>FLUSH DOORS - ( FD )</b> Supply and fixing of Commercial Flush door single leaf shutters with saal wood frame of size 100x65mm and shutter made of 30mm thick commercial flush door finished with 1mm thk. laminate on both sides, of approved shade & colour with suitable beech wood beading. Door will have provision of necessary hardware like handles, aldrops, door lock, door closer etc. complete for the finished item of work as per direction of Engineer-in-charge.	SM	4.00		
4	Providing & fixing grill door with 10mm square bars with all required material, labour etc complete for the finished item of work as per direction of Engineer-in-charge.	SM	3.00		
5	Providing & fixing UPVC window of approved make and colour with all required material, labour etc complete for the finished item of work as per direction of Engineer-in-charge.	SM	3.00		
6	Construction of storm water drain with brick work of size 1'x1'x1' with excavation, backfilling, pcc, GI cover, etc complete for the finished item of work as per direction of Engineer-in-charge.	NO	1.00		
7	Providing & laying 100mm PVC pipe for storm water of approved make with all required material like pipe bends, t junction, solution etc, complete for the finished item of work as per direction of Engineer-in-charge.	RM	14.00		

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8	<b>Wall Cladding for toilet</b> - Supplying and fixing of ceramic tiles of size 300 x 450mm, wall cladding, including border tiles of different colour, all as per drawing, over 12mm thick base coat in CM 1:5 prop, and fixing the tiles with neat grey cement slurry of honey like consistency spread at the rate of 3.3 kgs of cement per sqm and jointed with joints sealed with Laticrete unsanded grout or equivalent with laticrete 282 grout admix or equivalent of matching shade of tiles to full depth, including cost and conveyance of all materials to site cost of seigniorage charges on all materials and all other incidental and operational charges, such as mixing mortar, laying, and curing, etc., complete. height of dado will be 1.53 meters.(Basic Rate of tile around Rs55/Sft)	SM	13.00		
9	Providing and fixing of WALL HUNG E.W.C of Parryware, including Soft Close Seat Cover,Cistern Set including Fittings etc and Also supplying and connecting 12mm CP angle cock with 12mm PVC connection, health faucet etc complete for the finished item of work, as per direction of Engineer-in-charge.	NO	1.00		
10	Providing and fixing of wall hung wash basin of parryware make including bottle trap & waste coupling, long / short body tap of Jaquar, PVC pipe connection etc complete, all inlet and out connections, as per direction of Engineer-in-charge.Size 450x325mm	NO	1.00		
11	Supplying & fixing of glass round edged frame less mirror of approved make fixed by solution to wall/ tile complete as per direction of Engineer-in-charge.	NO	1.00		
12	Providing and fixing GI pipes and specials conforming to BS-28/1 including cutting the pipes and fixing specials such as bends, tees, sockets, unions, reducers etc. by solder clamps etc. including fixing in house plumbing system and making the cuttings as per original etc. complete . including all labour and material as per direction of Engineer-in-charge. - 15mm dia	RM	21.00		
13	Same as above but 25mm dia	RM	15.00		
14	Providing and fixing cast iron soil pipes, waste and vent pipes <b>(IS 1 3989)</b> only including all fittings (plain or with inspection door) e.g bends, junctions,offsets, access piece, caulking with cement, including cutting holes in walls and floors, and making good. GI bat clamps of adequate size shall be provided at every 2m c/c or at every joint. Rate to include painting with 3 coats of enamel paint with primer and surface preparation, testing for leaks etc., complete.as per direction of Engineer-in-charge. - 75mm dia	RM	15.00		
15	Same as above but 100mm dia	RM	15.00		
16	Supplying & fixing bib cock of approved make with all required accessories like flange etc complete for the finished item of work as per direction of Engineer-in-charge.	NO	2.00		

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17	Supplying & fixing of CP Angle cock of approved make with all required accessories like flange etc complete for the finished item of work as per direction of Engineer-in-charge.	NO	2.00		
18	Supplying & fixing of 2 in 1 cock of approved make with all required accessories with flange etc complete for the finished item of work as per direction of Engineer-in-charge.	NO	1.00		
19	Providing and constructing brick work with locally available best bricks in CM (1:6) 1 cement: 6 coarse sand for walls etc, including scaffolding, raking out of joints, curing complete as per the specifications and the drawings (excluding the plaster). Thickness for all vertical and horizontal joints shall not exceed 10mm. Rate to be applicable for all shapes and sizes, all length and width, height and level. 230mm / 115mm thick wall	CM	56.00		
20	Providing and laying cement plaster (sponge finish) of 18mm thick in CM, 1st coat 12mm thick in CM (1:5) and 6mm thick 2nd coat in CM (1:3) for inside / outside walls etc., including scaffolding, at all heights and levels, curing etc., complete as per the specifications and drawings. The rate should include making good chases of electrical conduits, boxes, pipes etc in cement mortar 1:3 and necessary chicken mesh. Rate to include additional thickness if required to achieve perfect line and level. No extra will be payable on this account. Internal / External plaster INCLUDING GROOVES	SM	153.00		
21	Providing & applying white ( or as approved by the Client) Plastic Emulsion paint of Asian Paints/ ICI Dulux/ Berger / Royal Luxury Emulsion of Asian Paints in minimum 2 coats including scrapping, opening of existing cracks, filling up of "V" cracks with epoxy expandable putty to required depths, making good weak plastered/ unplastered surfaces with cement plaster wherever required. Item to include Plaster of Paris, primer, patti & making good existing surface to receive new paint including cleaning on completion of painting work etc. complete in all respects. Work should be inclusive of 2 to 3 coats of Putty / Lappam.	SM	189.00		
22	Providing and laying machine mixed, mechanically vibrated Reinforced cement concrete works M25 with minimum cement content 375 Kgs Cement/Cum. of Concrete using 20 mm and below size crushed graded granite aggregate including vibrating, curing for all heights and levels including centering, shuttering, but excluding reinforcement. Footings	CM	6.00		
23	Same as above but for columns	CM	2.00		
24	Same as above but for Beams	CM	2.00		
25	Same as above but for slab	CM	4.00		

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S.No	Description	Unit	Qty	Rate	Amt
26	Providing cold twisted <u>HYSD</u> bars of approved make of reputed concern of FE 500 GRADE , for RCC work including straightening, cutting, bending, binding, fabricating, etc and placing in position all as per structural drawings. The cost of binding wire shall not be paid extra and will be at the contractor's cost.	KG	1,300.00		
27	Earth work Excavation in all types of soils for foundations, pits and trenches including dressing of sides and ramming of bottom, lift upto a depth of 1.5M, stacking at a distance of 50m away from the edge of foundation including refilling the excavated soil to the sides of foundation in layers of 200mm thick including watering, consolidation by hand rammers and disposing off the surplus earth within a lead of 50m as directed by Engineer-in-charge.complete.	CM	51.00		
28	Providing and laying plain cement concrete, machine mixed and mechanically vibrated, using 20 mm / 40mm and below size, crushed graded granite aggregate as applicable in foundation trenches, plinth, bed blocks, pockets etc, including curing etc as directed by Engineer -in -charge.1:4:8 mix ( 1cement, 4 coarse sand, 8 stone aggregate) with 40mm metal.	CM	2.50		
29	Back Filling with sand brought from out side in trenches, plinth, soil to the sides of foundation in layers of 200mm thick, consolidating each deposited layer by ramming, watering. <b>The excavated earth shall not be used for back filling.</b>	CM	8.00		
30	Providing and constructing Coursed rubble stone masonry ( second sort) in walls, piers and foundations and plinth, using approved stone laid, well bonded, bedded and solidly hearted in cement mortar 1:6, ( 1 cement, 6 course sand) joints finished flush as work proceeds including curing. The rate includes cost and conveyance of all materials, lead and lifts etc., and provision for bond stones at every 2m c/c in each course.	CM	5.00		
31	Providing & fixing TV unit with 19mm BWP plywood, 1mm thick laminate with all required material, labour, etc complete for the finished item of work. as per direction of Engineer-in-charge.	SM	50.00		
32	Providing & fixing Book shelf with 19mm BWP plywood, 1mm thick laminate with all required material, labour, etc complete for the finished item of work. as per direction of Engineer-in-charge.	SM	50.00		
33	Providing and laying 1st layer of water proofing treatment with brickbat pieces, of minimum 25 mm thick at the rain water outlets and 75 to 100 mm at the raised portions to maintain necessary slope for smooth flow of rain water out of the terrace without stagnation, over the cement mortar bedding 1:3 adding waterproofing Compound and filling the joints with mortar adding approved waterproofing compound in proportion of 1kg to 1bag of cement.	SM	50.00		

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34	Lay a screed in cement sand mortar 1:4, added with baby chips, admixed with integral water proofing liquid Apcoproof Super of Apex make or equivalent admixed as per manufacturer's specifications for "Gulta" at the junction of parapet wall and terrace floor. The screed shall cover 150 mm horizontally and 150 mm vertically with a central thickness of 50 mm tapering to 15 mm at either end.	RM	17.00		
35	Chipping the existing concrete surface for RCC beams, columns, walls and slabs etc., by mechanical / manual methods, including removal of loose concrete and disposal of the debris to the specified dumping area as directed for special repairs. Cleaning the slab surface with hard wire brush etc to remove any loose particles, dust etc.to make it suitable for carrying out new concrete for columns, beams, screeding or plastering on top of the slab, beam,column, or wall etc, carting away the Debris outside of Building Premises etc complete as directed by the Consultants. Note:• No Holes shall be made in the Wall to support the Scaffolds • No direct hammering shall be allowed while breaking of plaster. • No extra payment shall be made for extra thickness broken if encountered. • Hammers weighing more than 2 kg shall not be used • Prior to breaking of the plaster, Areas shall be demarcated and got approved by the Consultants. Note: The rates shall be inclusive of Erecting Single/Double Bamboo scaffolding including fixing of Hessian clothing as instructed by the Consultants / Client	SM	3.00		
36	<b>SHEAR CONNECTORS:</b> Drilling of 12/14 mm dia holes to a depth of 50 - 75mm and fixing of 8/12 mm dia. rebars using polyester resin grout Sysgrout 657/lockfix or equivalent including cost of material, labour etc complete Note : The individual hole for stirrup fixing for beams are considered as equivalent to shear connector. Steel quantity to be measured separately	NO	100.00		
37	<b>BONDING AGENT :</b> Supply and application of epoxy based bonding agent on the prepared concrete surface for bonding between old & new concrete using SBR LATEX or equivalent, including cost of labour, material etc. complete	SM	3.00		
<b>SUB-TOTAL AMOUNT (INR):</b>					
<b>GST @___%, AMOUNT (INR):</b>					
<b>GRAND TOTAL AMOUNT (INR):</b>					
<b>IN WORDS:</b>					