

Miscellaneous Civil Works - February 2026

S.No		Item description	UNIT	QTY	RATE/UNIT (INR)	AMOUNT (INR)	REMARKS
1	Brahmaputra & Narmada						
1.a	Removal of PCC	<p>Dismantling existing cement concrete / screed / plaster on terrace till mother slab, including hacking, breaking, raking out joints where required, cleaning the surface, and disposal of dismantled material outside the premises with all leads and lifts, complete as per directions of the Project Manager.</p>	sqm	1200			<p>The vendor needs to remove existing screed, pedestals and existing pipelines if required to correct the slope of the terrace. No additional charges for shifting of debris from site.</p>
1.b	Waterproofing	<p>Chipping of the existing surface up to mother slab level using suitable mechanical tools, followed by thorough cleaning of the surface with a blower. Any visible cracks shall be filled with a mixture of SBR chemical and Portland cement. After crack treatment, a base coat of SBR chemical shall be applied using a brush, as per specifications.</p> <p>PCC Application Providing and applying Plain Cement Concrete (PCC) comprising cement, sand, and integral waterproofing (IWP) chemical, laid to the required thickness to match the existing surface level and achieve the right slope. The surface shall be allowed to air cure adequately.</p> <p>Cement Plastering Providing and applying 20 mm thick cement plaster in two coats in the proportion of 1:4 (1 cement : 4 coarse sand), including mixing of approved waterproofing compound (CICO) as per the manufacturer's specifications. The plaster shall be finished with a floating coat of neat cement.</p> <p>Terrace Waterproofing System Providing and applying waterproofing treatment to the entire terrace area, including parapet walls and vertical wall surfaces, using branded STARPROOF HR 900, as per the following procedure:</p> <p>a) Surface cleaning using jet washing to remove dust and dirt. Surface grinding shall be carried out wherever required, followed by air curing. Application of a base coat of STARPROOF SUPER PRIME, a styrene acrylic modified primer with deep penetration into porous substrates, forming a semi-opaque film, applied using brush or roller.</p> <p>b) Application of the first coat of STARPROOF HR 900, a single-component coating with high solar reflectance properties that reduces heat gain, provides UV protection, resists dirt pickup, protects against thermal shocks, improves indoor thermal comfort, offers high heat insulation,</p>	sqm	1200			<p>The vendor needs to give minimum 5 year warranty.</p>

		<p>Providing and applying a comprehensive waterproofing system for terrace in two parts, including all surface preparation, application, protection layers, and finishing, all complete as per manufacturer's specifications and as directed with a guarantee of 10 years.</p> <p>Part 1 – Waterproofing Application:</p> <p>Supply & application of 1 mm thick, single-component, solvent-free, elastomeric polyurethane (PU) liquid-applied waterproofing membrane like Davco K10 Elastocoat, Sika Sikalastic®, Fosroc Nitoproof PU, Dr. Fixit Roofseal PU, or Asian Paints SmartCare PU Membrane over terrace slab, Technical Requirements:</p> <p>Solids Content: ≥70%</p> <p>Elongation at break: ≥380%</p> <p>Tensile strength: ≥3 MPa</p> <p>Crack bridging capacity: ≥2 mm</p> <p>Thickness: 1 mm dry film thickness (applied in two coats)</p> <p>Surface preparation: cleaning, removal of dust, laitance, loose particles, grease, and debris. Filling cracks, honeycombs, and defects using polymer-modified mortar.</p> <p>Providing coving/fillets of 50 x 50 mm at wall-slab junctions.</p> <p>Application over horizontal slab and 300 mm upturn on vertical surfaces.</p> <p>Application in 2 coats @ 1.5 kg/sqm total.</p> <p>Curing, pond testing for 48 hrs, and protective screed over membrane as directed.</p> <p>Rate includes all materials, labor, tools, scaffolding, surface preparation, repairs, membrane application, coving/fillets, curing, pond testing, and protective screed.</p> <p>Measurement includes horizontal slab area + 300 mm vertical upturn. No extra measurement</p>	ro				
		Supplying and applying slope making and protection to the waterproofing treatment with 75mm avg. thick M20 grade screeding, including control joints of 4M X 4M size and filling the panels with Bitumastic sealant.	ro				
1.c	Pedestal	Providing and constructing pedestal in solid brick masonry in proper line and level with cement mortar 1:6, including necessary scaffolding, curing, and all lifts, complete with raking of joints and all labour, hire charges for tools and plants, and finishing the pedestal with cement plaster 1:4 of average thickness 12–15 mm on all exposed faces, with neat junction to RCC members, making good of gaps and slopes as directed, inclusive of manual lead and lift of materials and all incidental charges.	cum	30			Pedestal to support MS sections
1.d	Shifting & Fixing of Solar Panels	Removing of exiting panels Shifting, re-fixing and commissioning of existing solar panels, solar hot-water tank, motor panel box, live water pipelines of various diameters and all associated accessories at terrace level above, including careful dismantling, marking, safe manual handling, all leads and lifts, protection of live lines without service interruption, provision of necessary supports, anchor fasteners, minor rerouting/adaptors as required, fixing in correct alignment and levels, reconnection of electrical and plumbing systems, testing for proper functioning, making good of disturbed surfaces, supply of consumables, tools and labour, complete in accordance with good engineering practice.	ls	3 locations			The existing solar panels to be removed and refixed as per the location confirmed by the Project Manager.

1.e	MS Sections to support Solar Panels	<p>Providing, fabricating, supplying and fixing Mild Steel (MS) support structure for solar panels comprising the following members:</p> <p>a) MS hollow sections 100 x 100 x 6 mm for vertical supports and main beams b) MS hollow sections 100 x 50 x 6 mm for purlins / solar panel mounting members</p> <p>All MS members shall be thoroughly cleaned and de-rusted, applied with two coats of zinc chromate primer, and finished with two coats of polyurethane (PU) paint of approved shade. The rate shall include all materials, labour, fabrication, transportation to site, erection, alignment, levelling, anchoring, fixing in position, painting, testing, and all incidental works required for the complete installation of the MS support system for solar panels, as per approved drawings, specifications, and instructions of the Project Manager.</p>	tonne	5			
2	Library and Annapurna Hostel						
2.a	Rainwater Intake Works	<p>Providing, supplying and fixing uPVC rain water down take pipes of required diameter, Class-B, conforming to IS 13592 / IS 4985 (latest revision), including all necessary fittings such as bends, shoes, offsets, tees, couplers, clamps, brackets, and accessories, complete.</p> <p>Pipes shall be fixed vertically or as shown, true to line and plumb, with approved clamps at required spacing, including cutting, jointing with rubber ring / solvent cement, sealing, and making good all disturbed surfaces.</p> <p>The item shall also include providing, erecting, maintaining and dismantling scaffolding at all heights required for installation of rain water down take pipes.</p> <p>The rate shall include all materials, labour, tools and tackles, transportation, testing, cleaning, and all incidental works required for the complete and satisfactory installation of rain water down take pipes, strictly as per specifications, relevant IS codes, and instructions of the Engineer-in-Charge.</p>					The vendor needs to include scaffolding cost.
2.a.1		Dia 110 mm	rm	20			
2.a.2		Dia 200 mm	rm	20			
3	Hostel Maintenance Works						
3.a	WPC Door	<p>Providing and fixing Solid WPC Door Shutter, 35 mm thick, solid extruded WPC, waterproof and termite-proof, including WPC door frame of matching section, fixed with holdfasts/anchor fasteners, and fitted with SS hinges and necessary hardware (Ozone/ Doorset/ Enox/ Equivalent) , sealing and finishing complete as directed.</p> <p>Make: CenturyPly/ Alstone/ Omega/ Equivalent</p>					The door shutter to be fixed to existing frame.
		Door size: 900 mm x 2100 mm	No	10			
3.b	Solid core shutter finished in laminate	<p>Manufacture, supply and installation in position factory finished single leaf solid core shutter made from 38mm thick block board thermo pressed with 12mm thick seasoned teak wood external lipping as per IS:2202 and finished in approved melamine polish. The external surfaces of the shutter to be finished in 1mm thick approved laminate on both side.</p> <p>The cost to also include wooden door frame of section as per drawing and all necessary hardware of approved make (Ozone/ Doorset/ Enox/ Equivalent) as per door hardware scheduled given. All internal wooden framework to be treated with 1 coat of anti-termite coat/paint of approved make as per manufacturer's specifications.</p> <p>Make: CenturyPly/ Alstone/ Omega/ Equivalent</p>					
		Door size : 1000 x 2100 mm	No	2			

3.c	Window	Providing fabricating and installing 3 track UPVC sliding window with fixed venitator on top made out of multichambered profile with a built in grooves to fix hardwares with provision for fly/mosquito mesh shutter, complete with all necessary hardware like heavy duty nylon - PVC rollers, antirisers suitable locks, handles fixing with single glazing of 6mm float glass. Suitable weep holes to be provided to drain out water to outside and no air leakages or rattling of the shutter are permissible. All profile members to be reinforced with G.I profile of appropriate and welded finished neatly. All windows to be fixed to the wall with appropriate anchor fasteners and the window perimeter to be sealed both inside and outside with silicone sealants.					
		Window Size: 1000 x 1200 mm	No	5			
3.d	Ventilator	Providing and fabricating & installing UPVC openable ventilators with louvers as per architectural drawings with a provision for exhaust fan made out of UPVC multi chamber profiles with built in grooves to fix EPDM gaskets hardware like multi point locks etc., Suitable weep holes to be provided to drain out water to outside and no air leakages and rattling of the shutter. All ventilators to be fixed to the wall with appropriate silicone sealant as mentioned in technical specification/drawing.					
		Ventilator Size: 1000 x 600 mm	No	5			
3.e	EWC	Providing, fixing, testing and commissioning of EWC Floor mounted type White Vitreous Chinaware Water Closet with ('P' / 'S' Trap), complete with flushing cistern, CP bolts, white seat cover, CP Elbow, CP flange, angular stop cocks with flange (for flushing cistern and health faucet), health faucet with necessary CP flexible hose 750mm long nozzle, C I brackets, making necessary connection to GI flush / inlet pipe etc. and any necessary accessories including cutting and the making good the walls and floor wherever required as per instruction. Item code No for EWC- Floor mounted : Hindware/ Parryware/ Equivalent Item code no for angular stop cock : Hindware/ Parryware/ Equivalent Item code No for health faucet : Hindware/ Parryware/ Equivalent 450mm Long Braided Hose with Two 15mm nuts	No	5			Vendor needs to remove and discard existing IWC/ EWC from the site. No additional charges for shifting of debris from site. Also, the rate to include tile flooring if damaged.
3.f	Brick Work	Providing and constructing Solid Concrete Block masonry in proper line and level at all levels in cement mortar 1:4 (1 cement: 4 coarse sand) using standard size of Blocks as 400 x 200mm of thickness as given below, with minimum compressive strength of each block not less than 5 N/ sqmm including all scaffolding, staging, curing, all lifts, raking of joints, all labour, hire and fuel charges for all tools and plants employed etc. complete and as directed. Rate shall include providing Concrete Binders in proportion 1:2:4 (1 cement : 2 Coarse sand : 4 Aggregates), 75mm thick reinforced with 2 nos. of 8 mm dia Fe 500 bars, RCC binders to be at every 1 metre interval from floor level. The rate to be inclusive of cost of reinforcement and formwork, cover blocks for reinforcement and all other incidental charges etc., all complete and as directed. The rate to also include closing the gap between the masonry and RCC beam / slab finished to required slope as directed by the Engineer-in-charge. Note:- The width of the joints not to exceed 10mm.	sqm	30			No additional charges for shifting of debris from site.

3.g	Internal Plaster	Providing and applying in one coat, 12mm thick plaster on internal surfaces of RCC / brick/block walls in cement mortar 1:5 (1 cement : 4 fine sand), finished rough and ready to take on POP punning / wall finishes / wall dado. Rate shall include for scaffolding , grooves, sills, pattas, curing, surface preparation before the application of plaster, providing GI chicken mesh as mentioned above to a width of 150mm at the junctions of masonry and concrete works including tying in position by using suitable nails / clamps / screws and as directed etc. complete at all levels. The contractor shall make good the grooves, pockets etc. after the scaffolding is removed.	sqm	60			
3.h	Acrylic Emulsion Paint (2 Coats)	Providing and applying 2 coats of first quality Acrylic Paint of approved brand and colour to all internal walls over 2 quotes of coarse putty (Avg. total thickness of 5 mm), 1 coat of fine putty, 1 coat of approved water based primer. Work should include preparation of surface through cleaning and wetting as per manufacturers specification fully to give a smooth and even surface before and subsequent application and making good all small holes of nails, open joints and minor defects of every kind after application of priming coat, all as per specification and as directed. Make: Asian Paint/ Equivalent	sqm	500			
3.k	Acrylic Emulsion Paint (1 Coat)	Providing and applying 1 coats of first quality Acrylic Paint of approved brand and colour to all internal walls over 1 quotes of coarse putty (Avg. total thickness of 5 mm), 1 coat of fine putty, 1 coat of approved water based primer. Work should include preparation of surface through cleaning and wetting as per manufacturers specification fully to give a smooth and even surface before and subsequent application and making good all small holes of nails, open joints and minor defects of every kind after application of priming coat, all as per specification and as directed. Make: Asian Paint/ Equivalent	sqm	500			
3.l	Enamel Paint	Providing and applying enamel paint of approved brand, colour, and shade as per the manufacturer's specifications over two coats on doors, windows, and other locations . The surfaces shall be thoroughly cleaned before painting. The painting shall be carried out as per the manufacturer's specifications. The rate is inclusive of the cost of materials, labour, scaffolding, staging, etc., at all levels as directed.	sqm	250			
3.m	Epoxy Grout	Cleaning, preparing, and applying epoxy grout to joints in existing vitrified tiles in the restroom area, including removal of old grout, surface cleaning, joint filling with approved epoxy grout (as per IS 15477), ensuring proper bonding, curing, and finishing to achieve a neat, water-resistant, and durable joint as per Instruction of Engineer In charge . Providing and applying epoxy-based grout of approved make and colour in tile / stone flooring joints, including cleaning of joints, removal of loose material, preparation of surface, mixing of epoxy grout as per manufacturer's specifications, filling joints completely, finishing flush with surface, removal of excess material, curing as required, and cleaning of finished surface, complete as per directions of the Engineer-in-Charge. The rate shall include all materials, labour, tools and tackles, and all incidental works necessary for the proper and satisfactory completion of epoxy grouting.	sqm	156			

3.n	Vitrified Tiles	Providing and laying flooring and skirting with fully homogeneous vitrified tiles of approved shade and sample, of size as per selection, in approved pattern, as per the Drawings provided, on an average bed of up to 25mm thick cement mortar 1:4 (1 cement : 4 coarse sand), with neat cement float, maintaining required slopes, grouting them in neat Epoxy grouts as manufactured by BAL Endura or Latecrete, with 3mm wide spacer bars to match shade of the tile, inclusive of surface preparation, cleaning, protecting the floor with POP / bubble sheet as mentioned in the notes above, etc. complete. (Basic Rate:-Rs 85/sqft.) Make: Kajaria/ Restile/ Somany/ Equivalent					
		Anti-skid Vetrified Tiles	sqm	52			
4	External						
4.a	Removal of existing screed	Dismantling existing cement concrete / screed / plaster of courtayrd , including hacking, breaking, raking out joints where required, cleaning the surface, and disposal of dismantled material outside the premises with all leads and lifts, complete as per directions of the Project Manager.	sqm	180			No additional charges for shifting of debris from site.
4.b	Plain Cement Concrete	Providing, machine mixing and laying M15 grade plain cement concrete (PCC) of required thickness of 150 mm for levelling course and all locations, etc. (minimum cementitious content shall be as specified in the IS Code and as approved); including compacting, curing, required shuttering and its removal, dewatering where required and vibrating, cleaning, preparing surfaces, junctions, etc.; complete at all depths and leads as per the drawing and to entire satisfaction of the PM.	sqm	180			The Vendor to make sure that slope is maintained for the egress of water.
4.c	Demolition	Demolishing existing block/ brick masonry, for all thickness inclusive of RCC Patlis, plastering, cutting reinforcement bars, stacking of serviceable materials as directed and disposing them off site as per the instructions of the Client etc. complete including all labour, tools etc complete for all locations and levels. Note:- No extra payment to be made for removing plaster / dado works from the demolished masonry.	cum	30			
4.d	Manual Backfilling	Supplying approved soil suitable for compaction and manual backfilling inside retaining walls and at all required locations, the earth being free from organic matter, debris, vegetation, oversized stones and deleterious materials, placed manually in layers not exceeding 200 mm compacted thickness with necessary spreading, watering and ramming by hand tools to achieve specified density, complete with dressing, leveling, making good to lines and levels, inclusive of all manual lead and lift, tools, labour, water, access, safety, cleaning	cum	180			
4.e	Removal and refixing of existing Pavers	Careful removal, cleaning, and relaying of existing pavers in designated areas, ensuring proper alignment, levels, and gradients as per the drawings and instructions of the engineer-in-charge. The work includes preparation of the base by cleaning, leveling, compacting, and filling with sand or bedding material as required. Pavers shall be laid in the specified pattern with joints properly aligned and gaps filled with sand. The rate shall include all labor, tools, equipment, and materials required for cleaning, relaying, and finishing the pavers. Base preparation, including leveling and compacting, is to be included in the rate. Any broken or damaged pavers shall be replaced with new pavers at an extra cost. The work shall ensure uniform levels, gradients, and no visible gaps or misalignment in the finished surface.	sqm	100			

4.f	Fixing of existing pavers	<p>Providing and fixing existing cement concrete paver blocks available within the campus, including careful dismantling / collection from the designated location, loading, internal transportation to the new location, unloading, stacking, cleaning of pavers, preparation and dressing of sub-base, providing and laying sand bedding of required thickness, re-laying paver blocks to proper line, level and slope, filling of joints with fine sand, and compaction using mechanical plate compactor, complete as per directions of the Engineer-in-Charge.</p> <p>The rate shall include all labour, tools and tackles, internal lead and lift, handling, cleaning, re-laying, compaction, and all incidental works required for proper completion of the work. Complete as per specifications and directions of the Engineer-in-Charge.</p>	sqm	100			
4.g	Ramps	<p>Providing, fabricating, supplying and constructing a wheelchair-accessible ramp complete with MS structural framework, MS chequered plate flooring and MS handrails, including all associated civil, structural and finishing works.</p> <p>The work shall include earthwork in excavation, PCC foundation, MS structural frame , MS chequered plate flooring of minimum 5 mm thickness, MS handrails on both sides, anchoring to RCC, welding/bolting, grinding of edges, anti-skid treatment, safety markings, painting, and finishing complete.</p> <p>All Mild Steel members and chequered plates shall be cleaned, derusted, primed with zinc chromate primer and finished with two coats of approved synthetic enamel / polyurethane (PU) paint.</p> <p>The ramp shall be constructed to maintain a slope of 1:12 (or as per NBC / accessibility guidelines) with required landings, clear width, handrail height, and safety provisions.</p> <p>The rate shall include all materials, labour, tools and tackles, fabrication, transportation to site, erection, alignment, levelling, anchoring, testing, curing, cleaning, and all incidental works necessary for the proper and complete execution of the wheelchair ramp, strictly as per approved drawings, specifications, relevant IS codes, and instructions of the Project Manager.</p>	No	5			
4.h	Sintex Underground Water Storage Tank	<p>Providing, supplying, lowering, placing and fixing Sintex / approved make rotationally moulded polyethylene (HDPE) underground water storage tank of 5000 l , conforming to IS 12701, installed in ground including excavation in all kinds of soil, preparation of base with PCC, lowering and positioning of tank, connecting inlet, outlet, overflow and scour pipes, providing vent and manhole cover, refilling and ramming of earth around tank in layers, testing for leakage, and making good all disturbed surfaces, complete as per directions of the Project Manager.</p> <p>The rate shall include all materials, labour, tools and tackles, transportation, loading, unloading, and all incidental works required for the proper and satisfactory installation of the underground Sintex water storage tank.</p>	No	1			
5	Fencing for Ground						

5.a	Fencing-PVC Coated Chain Link	Providing, fabricating, supplying, and fixing 3.0 m high PVC-coated chain link fencing, complete with line posts, straining posts, stays, tension wires, and concrete foundations as per approved drawings and specifications. Chain Link Mesh: PVC-coated GI wire mesh, overall wire dia 4.15 mm (3.15 mm GI core + 1.0 mm PVC coating). Mesh size: 50 x 50 mm. PVC coating: UV-stabilized, minimum 1.0 mm thick, colour to be confirm by Projec Manager based on samples shown. Hot-dip galvanized core wire: Minimum 275 g/m ² zinc coating. Posts and Bracing: Line posts: MS angle 50x50x6 mm, spaced at 3.0 m c/c (max). Corner/End/Straining posts: MS angle 65x65x6 mm. Stays/bracings: MS angle 50x50x6 mm. Posts embedded in M15 concrete blocks (300x300x450 mm) with 450 mm depth below ground. Tension Wire & Fixing: Top, middle, and bottom GI tension wires 4 mm dia (PVC-coated). Mesh fixed to posts using GI binding wire (16 gauge) or U-clamps at 150 mm intervals.Mesh to be stretched and tensioned for tight, uniform installation. Finish: All MS members shall be cleaned, derusted, primed with two coats of zinc chromate primer, and finished with two coats of polyurethane (PU) paint of approved shade. The rate shall include all materials, labour, fabrication, transportation to site, erection, alignment, fixing in position, painting, testing, and all incidentals required for the proper completion of the work as per drawings and instructions of the Project Manager.	rm	300			
		Sub Total (in Rs.)					
		GST @ 18%					
		Grand Total (in Rs.)					