

INDIAN INSTITUTE OF MANAGEMENT NAGPUR
IIMN/EMES/ 06/ 2024-25 Date 16-05-2024



Part -II Price Bid (In separate sealed envelope)

Name of work: Empanelment of contractor for annual rates of civil maintenance work at IIM Nagpur MIHAN Campus

Name of Bidder:						
Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 0.00 to 1.50 m.) By Manual Means	1	Cu.m			
2	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	1	Cu.m			

Signature of bidder

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
	Providing and laying Cast in situ/Ready Mixcement concrete in M20 of trap/granite/quartzite/gneiss metal for steps including steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface, only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.), with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	1	Cu.m			
	Brickmasonry					
3	Providing fly ash brick masonry with conventional / I.S. type fly ash bricks in C.M. 1:6 in foundation and plinth including bailing out water manually striking joints, racking out joints watering and scaffolding etc. complete.	1	Cu.m			
4	Providing fly ash brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete	1	Cu.m			

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
5	Providing Second class fly ash brick masonry with conventional / I.S. type bricks in cement mortar 1:4 in half brick thick wall including mild steel longitudinal reinforcement of two bars of 6 mm diameter / two hoop iron strips 25 mm x 1.60 mm at every third course, properly bent and bounded at ends scaffolding raking out joints and watering etc. complete.	1	Sq,M			
	Water Proofing					
6	Providing leak proof treatment by Injection grouting method to old floor without removing tiles of W.C., bath, balcony & floor with cement sand proportion of 1:1.5 and waterproofing compound at 2 Kilogram/bag of cement mixed in 35 liters of water including drilling holes in required position grouting with above mixed solution and ceiling etc. complete. (payment will be made as per no of holes gouted)	1	Nos			
7	Removing the existing water proofing treatment or coba and disposing of the material as directed etc. complete.	1	Cu.m			
8	Crack repair: cracks found on concrete slab/brick wall should be treated by opening with 3 mm cutter filling them with water proofing compound	1	Sq,M			

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
9	Providing and applying waterproofing treatment using acrylic polymer modified cement based waterproofing coating with fiber glass mesh mixing at the rate of powder to liquid (2:1) by weight covering 9 to 10 Square Metre /Kilogram with two coats using approved chemicals for masonry and concrete surface by brush covering etc. complete.	1	Sq,M			
	Plastering					
10	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:5 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete.	1	Sq,M			
	Flooring					
11	Providing and laying machine cut machine rough Kota stone flooring 25mm to 30mm thick and required width in plain/ diamond pattern on bed of 1:6 C. M. including cement float, filling joints with neat cement slurry, curing, polishing and cleaning etc. complete. (As per existing kota stone sample)	1	Sq,M			
12	Providing and laying machine cut machine polished machine cut Kota stone slabs 20 to 25 mm thick for treads and risers of steps and staircases, with rounded nosing for the treads on a bed of 1:4 cement mortar including cement float, filling joints with neat cement slurry, curing, polishing and cleaning etc. complete.	1	Sq,M			

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
13	Providing and laying ceramic tiles of having size 30 cm. x 30 cm. and confirming to corresponding I.S. for dado and skirting in required position with readymade adhesive mortar of approved quality on plaster of 1:2 cement mortar including joint filling with white/ colour cement slurry cleaning curing etc. complete. (Tiles should be as per the existing shade and size)	1	Sq,M			
14	Providing and laying vitrified matt fininsh tiles having size 590 mm to 605 mm x to 605 mm of 8 to 10 mm thickness and confirming IS. 15622-2006 (Group Bla) of approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement morar including neat cement float, filling joints, curing and cleaning etc. complete.(Tiles should be as per the existing shade and size)	1	Sq,M			
15	Providing and laying Antiskid Ceramic tiles of approved quality of size 30 cm x 30 cm and confirming to IS 15622-2006 (Group-B IIA) for antiskid flooring in required position laid on a bed of 1:4 cement mortar including cement float, filling joint with cement slurry cleaning curing etc. complete. (Tiles should be as per the existing shade and size)	1	Sq,M			

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
16	Filling tiles joint portion of flooring and dado filling with white cement / colour cement by removing existing loose mortar/ cement slurry from joint with tools and finish with washing cleaning and curing etc. complete.	1	Rmt			
17	Providing and laying in place 300mm x 300mm x 16mm cement tactile directional and warning tiles (for a person with visual impairment)of the approved brand and make and specified colour for outdoor floors such as footpath, courtyard, multimodals location etc. laid on 20mm thick base of cement mortar 1:4 (1 cement: 4 coarse sand) in all shapes and patterns including grouting the joints with white cement with matching pigments etc. complete as per direction of engineer in charge (Tiles should be as per the existing shade and size)	1	Sq,M			
18	Providing and laying Sandstone/goldstone flooring of uniform thickness and with machine cut edge of required size laid to the pattern as per Engineer in charge over 25 mm thickness bed of 1:8 cm including filling the joint with cement slurry, pigment to match the shade of the slab including curing.Thickness 20 to 32 mm (stone should be as per the existing shade and size)	1	Sq,M			

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
19	Cobblestone flooring with 80 mm thick kota cobble, Dholpur beige, and Kadappa cobble as per existing sample of cobble stone approved by IIMN, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed (As per existing pattern and shade)	1	Sq,M			
20	Providing and laying in position flooring of telephone black / Amba White / Cat bary brown / Ruby red / Ocean Brown granite stone of approved shade and size 18 mm to 20 mm thick on bed 1:6 cement mortar including cement floats striking joints, pointing in C.M. 1:3 curing and cleaning etc. complete.	1	Sq,M			
21	Providing and fixing machine cut machine polished 18 mm to 20 mm thick telephone black / Amba White / Cat bary brown / RBI red / Ocean Brown granite stone for treads and risers of steps,Dada and staircases of approved colour and shade with full moulding and three grooved line for the treads on bed of 1:4 Cement mortar including float filling joints with neat cement slurry curing polishing and cleaning etc. complete.	1	Sq,M			
	Painting & colouring					
22	Providing and applying French polish for required finish on previously polished wood including knotting, preparing the surfaces, scaffolding etc. complete as directed	1	Sq,M			

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
23	Providing and applying two coats of synthetic enamel paint of approved colour to new /old structural steel work and wood work in buildings, including scaffolding if necessary, cleaning and preparing the surface (excluding primer coat) etc. complete.	1	Sq,M			
24	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	1	Sq.M			
25	Providing and applying plastic emulsion paint of approved quality, colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (excluding the primer coat)etc. complete.	1	Sq,M			
26	Finishing walls with textured exterior paint of existing shade. Old work (Two or more coats on existing cement paint surface applied @ 3.28 ltr/10 sqm	1	Sq,M			
27	Providing and applying melamine polish of required finish to the wood work by spray machine including knotting and preparing the even surface by scraping, applying French polish , scaffolding if required etc. complete.	1	Sq,M			
	Dismantling					

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
28	Removing rich mix cement concrete including stacking the spoils as directed with all leads, lifts etc, complete.	1	Cu.m			
29	Removing cement tiles, or marble or polished shahabad floor or dado without bed concrete including stacking the materials as directed with all leads, lifts etc. complete	1	Sq,M			
	scaffolding					

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
30	<p>Providing and fixing double scaffolding system (cup lock type) on the exterior side of building/structure, including additional rows of scaffolding in stepped manner as per requirement of site, made with 40mm dia M.S. tube, placed 1.5 metre centre to centre, horizontal & vertical tubes joint with cup & lock system with M.S. Tubes, M.S. tube challis, M.S. clamps and staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for execution of work of cleaning and/ or pointing and/ or applying chemical and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connecting with the building etc, wherever required, if feasible, for inspection of work at required locations with essential safety features for the workmen etc., complete as per directions and approval of Engineer-in-charge. Note:- (1) The elevational area of the scaffolding shall be measured for payment purpose. .</p>	1	Sq,M			
31	<p>Erection of bamboo scaffolding for repair and restoration work as per standard practice for safety up to a maximum of 60 feet height at any location. The wall shall not be allowed to be punched for supporting scaffolding.</p>	1	Sq,M			
	Woodwork					

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
32	Providing and fixing shutter to wall cupboard made from 19 mm thick Teak particle board with approved coloured laminated face 1.5 mm thick bonded with phenol formaldehyde synthetic resin B.W.P. grade including lipping beading iron oxidised fixtures and fastening and oil primer coat etc. complete. (Excluding cupboard frame).	1	Sq,M			
33	Providing and fixing solid core flush door shutter in single leaf 32 mm thick decorative type of exterior grade as per detailed drawings approved face veneers 3 mm thick on both faces or as directed, all necessary beads, mouldings and lipping, wrought iron hold fasts, chromium plated fixtures and fastenings, with brass mortise lock, chromium plated handles on both sides, and finishing with French Polish etc. complete.	1	Sq,M			
34	Laminate work: Providing and fixing 1.0 mm laminate sheet of approved make and as per existing clour or shade on one side of existing wall paneling with all necessary consumable,hardware etc, complete as directed by engineer in charge	1	Sq,M			
	Ceiling					

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
35	<p>Providing and fixing in position Gypsum board false ceiling with 12.5 mm thick Gypsum boards, screwed/fixed to the under structure of suspended G.I. Grid constructed and suspended from the main ceiling consisting of ceiling sections of size 25 x 50 mm maximum center to center distance of 600 milimetre perimeter channel and intermediate channels at maximum center to center distance 1200 milimetre galvanized grid should be fixed to reinforced cement concrete slab. The gypsum board should be fixed to galvanized iron grid with necessary screws. The boards should be taped and filled from underside to give smooth, seamless ceiling. The rate should include necessary additional ceiling sections and intermediate channels. Additional intermediate channels should be fixed to strap hangers for additional support to prevent strapping at every 1200 milimetre item to be completed in all respect including necessary sleeves for ducts finishing of joints cut outs, painting including labour, material, lifts etc. all complete.</p>	1	Sq,M			
36	<p>Providing and fixing polycarbonate sheet(10 mm thick) plain profile including making necessary holes, screws, and other fixtures as required complete in all respect at all floors. All exposed surface should be filled with silicon</p>	1	Sq,M			

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
37	Repairing of Existing tiles false ceiling in true horizontal level,using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm , all complete for all heights as per specifications, and as directed by Engineer-in-charge. (Rate shall be including Tiles as per Existing approved make) If Required Main runner,T section,G.I Channel will be paid extra.	1	Sq.M			
38	Providing & Fixing in position, Partition made from 12mm thick Bison board on existing surface including cost of required Cut-Outs & Scaffolding, as per Design & Instructions & Complete in all aspects including all materials labour,finishing etc complete	1	Sq.M			
39	Providing and Making in position Gypsum board Trap door in existing gypsum ceiling with 12.5 mm thick Gypsum boards, screwed/fixed to the understructure of suspended G.I. Grid constructed and suspended from the main ceiling consisting of ceiling sections of size 25 x 50 mm. The gypsum board should be fixed to galvanized iron grid with necessary screws. The boards should be taped and filled from underside to give smooth, seamless ceiling. including necessary sleeves for ducts finishing of joints cut outs, painting including labour, material, lifts etc. all complete.	1	Sq.M			

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
	Glazing work					
40	Supplying, Transportation, and installation of 6mm thick Toughened Glass (Saint Gobain make) Fixed in Aluminium sections, fixing with gasket, Silicon, and required Accessories with complete in all respect and making good as per Specifications and Existing make and colour. 6mm Toughened-SGU ET425 Series Glass Fix (If scaffolding is required will be paid extra)	1	Sq.m			
41	12mm Toughened Glass Fixing (In Aluminium sections): - Supplying, Transportation, and installation of 12mm thick Toughened Glass (Saint Gobain make) Fixed in Aluminium Window and door sections, fixing with gasket, Silicon, and required Accessories with complete in all respect and making good as per Specifications. (If scaffolding is required will be paid extra)	1	Sq.m			
42	Supplying, Transportation, and installation of 10mm thick Toughened Glass (Saint Gobain make) Fixed in Aluminium Window and door sections, fixing with gasket, Silicon, and required Accessories with complete in all respect and making good as per Specifications and as per existing make and colour. (If scaffolding is required will be paid extra)	1	Sq.m			

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
43	DGU Glass Fixing: -Supplying, Transportation, and installing 6+12+6mm thick Toughened DGU Glass UNIT (Saint Gobain make) Fixed in Aluminium Window and door sections, fixing with gasket, Silicon and required Accessories with complete in all respect and making good as per Specifications. (If scaffolding is required will be paid extra)	1	Sq.m			
44	Supplying, Transportation, and installation of 12mm thick Toughened Glass (Saint Gobain make) Fixed in Stainless steel sections, fixing with gasket, Silicon, and required Accessories with complete in all respect and making good as per Specifications. (If scaffolding is required will be paid extra)	1	Sq.m			
45	Only Glass Fixing: Supplying, Transportation, and installation of SS Glass Railing 12mm thick Toughened Glass (Saint Gobain make) Fixed in Stainless steel sections, fixing with SS Glass Brackets, and required Accessories with complete in all respect and making good as per Specifications. (If scaffolding is required will be paid extra)	1	Sq.m			
46	Aluminium Doors Closer: Supplying, Transportation, and installation of All types of Aluminium Closer.	1	Nos			
	Miscellaneous work					

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
47	Hiring Charges for JCB, including diesel, driver etc					
a	For per Hour rate	1	Hour			
b	For duration of 8 hr in single day	1	Day			
48	Hiring charges for Crain including diesel, driver etc					
a	For per Hour rate	1	Hour			
b	For duration of 8 hr in single day	1	Day			
49	Hiring charges for painting zula (Rope) of the height of 50 to 65 feet	1	Day			
50	Hiring charges for Electric concrete breaker Machine including required diameter bits.	1	Day			

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
51	Filling the gap in between aluminium frame & adjacent RCC / Brick / Stone work by providing weather silicon sealant over backer rod of approved quality as per direction of Engineer-in-Charge complete. Upto 5 to 10 mm mm depth and 5 to 10 mm width.(If scaffolding is required will be paid extra)	1	Rmt			
52	Providing, Supplying and fixing in position anodised extruded aluminium section of size 83 x 38 mm or as required for aluminium composite panelling including sheet of thickness 4 mm and of approved shade and colour and all necessary fixtures, fastners, labours, scaffolding ,etc. complete Spec. No. As directed by Engineer In-Charge.	1	Sq.M			

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
53	Pot Hole filling with Jet Patcher-Repairs to potholes 50 mm upto 100 mm by using semidense bituminous concrete in cold mix by using emulsion including making the potholes /patches in regular shape and size. Removing loose pockets, Dewatering in potholes,tack coats of 25 Kilogram/10 Sq.Mt.with RS1 emulsion etc.by use of advanced jetpatching technolgy machine of approved make and specification having capacity 5.50 TO 8.00 cubic meters with auxillary engine with direct drive to heavy duty blower, Rotary Positive Displacement Blower with direct drive and separate airline silencer. (Capacity – 15 PSI, Flow rate 1370/cum/hr). cleaning as directed by Engineer – in-Charge etc. complete (Emulsion @ 5% by weight of mix)	1	Sq.M			
54	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature jointed with cement mortar 1:3 (1 cement : 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5 mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-Charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-Charge).	1	Sq.M			

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
55	Laying old cement concrete interlocking paver blocks of any design/shape laid in required line, level, curvature, colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge. (Old CC paver blocks shall be supplied by the department free of cost).	1	Sq.M			
56	Fixing of façade at all heights with extruded hollow Clay / Terracotta tiles in true level fixed to a supporting aluminium framework. M10 full threaded anchor fasteners with nylon sleeve 100mm long ,horizontal aluminium 'C'-clamps of size 56x34x2 mm. (Terracotta tiles will be provided by IIMN & Scaffolding required will be paid extra)	1	Sq.M			
57	Refxing Alluminium Composite Panel 3 mm thick as per existing colour on existing frame work including cost of material such as cleats, sleeves, screws etc. (Scaffolding required will be paid extra)	1	Sq.M			

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
58	Providing, fabricating and erecting at site of work the tubular steel structure (shed) as per standard design and specifications having various spans in between trusses and in multiples of standard length of bays as specified as per standard specifications, inclusive of cost of steel tubular trusses, tubular columns purlins, tie runners, foundation bolts, base plates, nuts and bolts, welding wherever required etc. as per detailed drawing inclusive of one coat of anticorrosive paint and two coats of oil painting of approved quality and shade etc. complete. Spec. One Number : As directed by Engineer-in-charge.	1	Kg			
59	Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position making riveted / bolted /welded connections without connecting plates, braces etc. and including one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete.	1	Kg			

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
60	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.	1	KG			
61	Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work footing, column,beam etc. including bailing out water, Steel centering formwork, laying/pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	1	Cu.m			

Sr.no	Description	QTY	Unit	Rate in Rs	Rate in words	Amount in Rs (Qty X Rate)
62	Providing antitermite treatment to the wooden frames of doors/windows of the existing building as per I.S. 6313 (Part-III) by drilling 6mm dia. holes at four corners on one side and four corners on other side at a downward angle of about 45 degree at the junction of wood work and masonry and injecting 150 ml. of chlorodane 5% W.C. and sealing by filling putty etc. complete	1	Nos			
63	Providing antitermite treatment around the periphery of the existing building as per I.S. 6313 (Part-III) by excavating trenches of 20cm width and exposing the sides of columns and plinth beams upto a depth of 300mm and injecting one percent of chlorodane emulsion concentrate at the rate of 2.25 litres per One Running Metre and refilling the trenches etc. complete	1	Rmt			
64	Providing and Fixing vinyl forested film on the glazed area of fixed window at IIM Nagpur (As per design and sample approved by IIMN)	1	Sq.M			
Grand Total						
GST Percentage						%

- Note:**
1. All rates are to be quoted excluding the GST applicable. The GST will be paid in addition to the total amount payable.
 2. Work may come up any time during the year as per requirement
 3. No extra payment to be made for wastage of material, lead, and lift of material to any floor or Height

Signature of bidder