

ADMINISTRATIVE OFFICE MUZAFFARPUR

Name of the work:- CIVIL WORK OF GROUND FLOOR OF DARBHANGA BRANCH UNDER RBO DARBHANGA

BOQ FOR CIVIL AND PHE WORK AT GROUND FLOOR

Sl.No	Description	Unit	QTY	Rate (RS)	Amount
1	DISMANTLING, TRANSPORTATION OF CIVIL ITEMS				
	Dismantling of existing, toilets, tiles, MS window & glass panels etc fully glazed /panelled/ semiglazed partition, cabinet, glass door, tables etc from old premise/store and shifting it to new premise/place/store and fixing as per requirement and direction of EIC. A lumpsum of 95 sqm dismantling is to be done.	LS	1		
2	Water proofing material make pidilite Roff Hyguard Ex for wall and ceiling				
	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C. kitchen and the like consisting of: (i) 1st course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions.(ii) 11 nd course of 20 mm cement plaster 1:3 (1 cement:3 coarse sand)mixed with water proofing compound in recommended proportion, (iii) 11rd course of applying blown or/residual bitumen aplied hot at 1.7 kg. per sqm of area, (iv) 1vth course of 400 micron thick PVC sheet.(Overlaps at joints of PVC shet should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/sqni). Water proofing compound Make pidilite/Dr. Fixit/Sika/Roff				
	Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers. Make Pidilite/dr fixit & sika water proofing solution for concreting or plaster work (per bag of 50kg cement used in the mix)	50kg cement used	5.00		
3	ANTI- TERMITE TREATMENT FOR EXISTING HALL AREA ON FLOOR AND WALL				
	Anti termite treatment done on wall and floor before panelling and flooring work				
3.1	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti- termite treatment (excluding the cost of chemical emulsion) : Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1 :2 (1 cement : 2 Coarse sand) to match the existing floor : With Chlorpyriphos/Lindane E.C. 20% with 1% concentration.	Sqm	92.94		
3.2	Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyriphos/ Lindane emulsifiable concentrate of 20%	Ltr	46.47		
4	PCC-Levelling of Floor +Entrance+ in Toilets				
	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering-All work:				
	1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size)	CuM	1.0		
5	BRICK FLAT SOLING IN TOILET AREA OR FRONT ACCESS				
	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I,	Sq.M	10		
6	HALF BRICK MASONARY WITH PLASTER				
	Half brick masonry with bricks of class designation 100A upto 4th floor with Cement mortar 1:4 (1 cement: 4 coarse sand) including providing and placing in position 2 Nos, 6 mm dia , MS bars at every three foot of half brick masonry (with F. P. S. bricks) and plaster on both side of brick work (both side i.e., smooth and rough side). It includes dismantling of old work if required .	Sq.M	20		
7	10"THK BRICK WALL				

	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 1:4 (1 cement : 4 coarse sand)	Cum	10		
8	Granite stone topping over Toilet's wash counter and facia and pantry slab FOR PLANTER BOX				
	Providing and fixing 18mm thick mirror polished, machine cut for kitchen platforms, vanity counters facias and similar locatins of required size of approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement :4 coarse sand) with joints treated with white cement, mixe* with matching pigament-epoxy touch ups. including rubbing, curing etx. complete at all levels including edge moulding to 18 mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer -in -charge				
	Granite stone slab colour black, Cherry/Ruby red				
	Area of slab upto 0.50 sqm	Sq.M	2.58		
9	CERAMIC TILE ON TOILET FLOOR MATT FINISH				
	Dismantling old tile, Providing and laying Ceramic glazed floor tiles of size 300x300 mm(thickness to be specified by the manufacturer) of 1st quality conformingto IS : 15622 of approved make in colours such as 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 @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc.,complete	Sq.M	0.00		
10	VITRIFIED TILE FLOORING IN HALL OR CAC AREA AFTER REMOVING PARTITION (GLAZED VITRIFIED TILE)				
	Providing and laying glazed vitrified floor tiles 600X600mm in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.05%and conforming to IS : 15622 , of approved make, 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. MAKE JOHNSON/SOMANY/KAJARIA BASIC RATE =85/-	SQM	150.00		
11	HEAVY DUTY VITRIFIED TILE ON FLOORING IN CORRIDOOR AND CURRENCY CHEST AND ENTRANCE LOBBY				
	Size of Tile 600x600 mm ENDURA HEAVY DUTY VITRIFIED TILE FOR HI- TRAFFIC AREA SANDEX SERIES				
	Providing and laying matt finished vitrified tile of size 600x600x10mm having water absorption less than 0.5% and conforming to IS: 15622 of approved make in all colours and shades in outdoor floors such as footpath, court yard, multi modals location etc. heavy traffic area , laid on 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) in all shapes & patterns including grouting the joints with white cement mixed with matching pigments etc. complete as per direction of Engineer-in-Charge. MAKE JOHNSON/SOMANY/KAJARIA BASIC RATE =85/-	Sq.M	130.00		
12	Tectile tile for vision impaired person in Hall				
	Providing and laying tactile tile (for vision impaired persons as per standards) of size 300x300x9.8mm having water absorption less than 0.5% and conforming to IS: 15622, of approved make in all colours and shades in outdoor floors such as footpath, court yard, multi modals location etc., laid on 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) in all shapes & patterns including grouting the joints with white cement mixed with matching pigments etc. complete as per direction of Engineer-in-Charge.	Sq.M	23.26		
13	UPVC WINDOW				
	MAKE -FENESTA/VEKA/PROMINANCE OR EQUIVALENT				
	Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension,				
	EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc.				

	After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in-Charge.				
	Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge. Wire mesh / Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS: 3548 & IS:16231 shall be paid separately.				
	Note:- Structural design proof checked from a Government Engineering Institute, to be provided by the manufacturer for: (i) Sites with basic wind speed > 45 m/sec as per IS 875 - Part 3 (ii) Sites with structure height more than 20m for all wind speeds. Two track two panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.				
13.1	UP TO 1.2M WIDE WINDOW AND VENTILATOR				
	Two track two panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.				
	Using R4 series with frame (64mm & above) x (45mm & above) & sash (44mm & above) x (55mm & above) with zinc alloy (zamak) powder coated handle on every panel along with multi-point locking system (Height above 1.8m).	Sqm	30		
13.2	ABOVE 1.2M TO 2.1M WIDE WINDOW				
	Three track three panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.				
	Using R3 series with frame (98mm & above) x (40mm & above) & sash (30mm & above) x (55mm & above) with zinc alloy (zamak) powder coated handle on two end panels along with multi-point locking system (Height upto 1.8 meter).	Sqm	15		
14	GLASS FOR UPVC WINDOW				
	Providing and fixing factory made Float glass panes for upvc window 5.0 mm thick glass panes (weight not less than 12.50 kg/sqm). MAKE Ashahi ecotech/modi/Saint gobain	Sqm	45		
15	PLASTER WORK SMOOTH SIDE 10"THK WALL				
	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand)	Sqm	40		
16	ROUGH SIDE 10"THK WALL				
	20 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	Sqm	40		
17	PREMIUM ACRYLIC EMULSION PAINT WITH WALL PUTTY				
	Scraping off old peeled out paint to make the surface smooth for Wall painting with premium acrylic emulsion paint (Berger, dulux, Asian) of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour in two coats WITH wall putty of 2 mm average thickness over plastered & white washed walls & ceiling to prepare the surface even and smooth compete as per direction of BANK/eic.	SqM	256		
18	GRILL PARTITION AND ROLLING AND COLLAPSIBLE GATE				
	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand or manufacture after removing or scapping old finishes or paints	SqM	125		
19	WINDOW GRILL				
	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P brass/ stainless steel screws @ 200mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).	KG	500		
20	MIRROR WITH SBI SELFEE BOARD				
	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : Rectangular OR elliptical shape size min 600x1500ht with frame 8mm mdf laminate finish	No.	2		
	TOTAL IN INR EXCL. GST				
	ADD GST AS PER APPLICABLE 18%				

TOTAL IN INR INCLUSIVE GST		
	Note:-	
1)	Extra members, wherever required for stability / otherwise, to be provided with the required finish without any extra charges.	<p>a. Contractor has to make arrangements at his own cost to cover working area with Hessian cloth curtains so that not cause any damage to the existing near by property and take care of dust control. Also all the windows, glass panes, other openings are to be covered with tin sheets /6mm plyboards and all the flooring are to be covered with ready protective plastic sheet if required and carefully removing them after completion of work.</p> <p>b. Rates shall be inclusive of all enabling works like all safety measures, scaffolding, labour camp, storages, godowns, all required permissions from local governing respective authorities to carry out works, all insurances, all licences, administration, all SHE related measures, security, watch and ward measures, barricades other than specified, traffic management, tree protection, property damage repairs, water, electricity, DG as per requirement, all tools, machineries, vehicles, etc complete.</p> <p>c. Rates are inclusive of all scaffolding required for the said works</p> <p>d. All rates should be inclusive of all loading, shifting, all leads, lifts, sorting, transportation, labours, tools, plants, machinery, etc. complete</p> <p>e. Rate is exclusive of GST & GST payable as per Bank rule.</p>
2)	Any damages caused to the walls, ceilings, floors, etc. shall be made good by the Contractor by refinishing the same in exactly the same manner, so as to leave the surfaces in a good-as-new condition. A final coat of paint on all painted surfaces shall be deemed to be included in the occupation, so as to leave the premises in a suitable condition for occupancy.	
3)	Contractor shall make and get approved shop drawings of all items prior to fabrication / manufacturing of the same.	
4)	In case of partitions / panelling / etc., if any corbellings, cornices, etc. are called for, these shall be done as shown in the drawings, designs, etc., or as per the requirement of the Employer / Architect, and these shall be paid for at the square foot rate quoted by the contractor. Nothing extra over and above the square foot rate shall be payable to the contractor	
5)	The contractor shall extend full co-operation to the other contractors viz. Electrical, Airconditioning, and any others who may be working in the said premises.	
6)	All the works are to be carried out at all heights and locations i.e. from Ground Floor of the building up to the ROOF top as applicable.	
7)	Providing & fixing temporary support arrangements such as Steel Props (Up to any number whenever and wherever as directed by the Engineer Incharge) to support the structure provisionally during repairs and structural works etc. and maintaining the props in position till required & as directed by the consultant including other safety elements such as bracings, steel angles, working platforms, plates etc., which shall be provided & considered in the quoted rates for the areas in the vicinity in adequate numbers as directed. All the civil & structural Repair works indicated herein under shall include all leads & lifts & working up to any heights, depths & levels.	
8)	The Contractor has to make arrangements at his own cost to tie a approved quality safety net at working locations so that loose plaster/concrete does not cause damage to the adjacent property or any human being, if necessary and removing the same after completion of work.	
9)	All the civil work has to be carried with Minimum 53 grade OPC cement and river sand of required fineness, which must be free from silt and other impurities. All the civil work, whether new or repair, must be cured for at least 7 days or as per latest IS code provisions. For all work, water to be used must be fresh and pure without any salinity and turbidity.	
10)	Providing all type of PPE to the workforce such as safety shoes, safety helmets, reflective safety jacket, full body safety harness, goggles, gloves, etc. complete for all types of workforce engaged on site for execution of the work.	
		Signature (Authorised signatory)