

Name of work: Construction of Malaviya Smriti Bhawan at 52 - 53 Deen Dayal Upadhyay Marg, Delhi -

ABSTRACT OF COST						Date:01.12.2024
ITEM NO	DESCRIPTION OF ITEM	Unit	Qty.	Rate Per Unit	Total Amount	Ramarks
1.0	Excavation					
1.1	Earth work in excavation in foundation trenches or under grade etc. from existing excavated level and stacking the excavated material within the site including dressing of bottom, sides strutting, timbering, shoring, trimming of sides, dewatering, all leads and lifts, incidentals, etc. complete with ramming of bottom, surface preparation as per specifications to receive the PCC. Excavation shall be payable only for vertical cut up to the outer edge of foundation lean concrete as indicated in drawings through out the pit depths. Cost of extra excavation required for working space, supporting side shuttering of foundations and retaining walls and that required for making slopes for stability of excavation shall be deemed to be included in the rate quoted. (Note: The Line & levels in the drawings shall be strictly followed and excess excavation if any shall be made good by contractor free of cost as per the instructions of the Owner) To organize the space for stacking of excavated earth for using the same in back filling will be responsibility of the contractor only. All kinds of soils for all leads and lifts	Cum	88.03			
2.0	Back Filling					
2.1	Filling around foundation to proper grade and level with selected excavated soil including watering and reaming in layer 90% max.dry density by manual/mechanical means in saturated condition, Dressing etc.	Cum	25.60			
3.0	Soling					
3.1	Providing & Laying dry stone Rubble Soling with average 230 mm size hard stone set in regular lines, hand picked and interstices thoroughly filled with small chips including filling in with good quality mohorum brought from outside, compacting with iron rammers.	Cum	25.60			
4.0	Anti Termite					
4.1	Providing and injecting chemical emulsion for PRE-CONSTRUCTION anti-termite treatment & creating a continuous chemical barrier under & around the columns pits, walls, trenches, excavation, top surface of plinth filling, junction of wall, & floor, along the external perimeter of building, expansion joint, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits etc. complete as per specification (plinth area of the building at ground floor only shall measured for payment) - Chlorpyriphos / Lindane emulsifiable concentrate of 20% with 1% concentration.(Plinth area will be measured).	Sqm	65.74			
5	Plain cement concrete (PCC)					

ITEM NO	DESCRIPTION OF ITEM	Unit	Qty.	Rate Per Unit	Total Amount	Remarks
5.1	Providing and laying plain cement concrete of specified grade using design mix concrete or RMC as bed concrete under foundation, bases for rafts, underground water tank, building machine equipment's, column footing, under floor landings, basement flooring, below road and pathways, ill, coping, screening at roof to required slope and other locations as called for laid, consolidated and cured etc. complete including finishing the top surface to receive the next course / layer as per specification and drawing. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm and down gauge) (M-10) Cement Base price Rs. 260/Bag	Cum	14.50			
6	Reinforcement cement concrete (RCC)					
6.1	Foundation, plinth beam, drains, trenches sump pits, pedestals / bases of colour, wall foundations grade slab, machine foundation. Providing, laying and finishing in position ready mixed concrete at Ground, First, Second floor for reinforced cement concrete work and cement content as per approved design mix, excluding the cost of cantering, shuttering, and reinforcement, as per direction of the Engineer - in - charge.M25 grade Cement Base Price Rs.260/- Bag	Cum	186.00			
7	Shuttering					

ITEM NO	DESCRIPTION OF ITEM	Unit	Qty.	Rate Per Unit	Total Amount	Ramarks
7.1	Foundation, , plinth beam, pedestals/ bases of columns grade slab, sumps, foundation of equipment, drain channel, Columns, pillars, piers, abutments, posts, Roof, Beams, Slabs and struts, off sets & projection of columns, transfer columns, water tank walls, shear walls etc. up to Terrace Level	Sqm	#####			
8	REINFORCEMENT					
8.1	All Cost for providing and fixing steel reinforcement (TMT as per IS 1786) for RCC work including transporting, recoiling, straightening, removing rust, protection, cutting, bending and placing for all profile and for all lead and specified levels and binding with 18 gauge annealed wire to the entire satisfaction of Project manager . Payment of steel shall be made as per drawing and approved bar bending schedule with permissible laps and paid on the basis of the sectional weights of bar as per relevant I.S. Code. The rate shall include cost of binding wire, PVC cover blocks which will not be measured separately for payment., Chairs, spacers, pins will be measured separately. The quoted rate shall include sampling, laboratory and testing charges etc. MT /High Yield Strength deformed bars as specified Base Price 50 per Kg. (rathi)	Kg	25.47			
9	Masonary Work					
9.1	Providing and constructing brick masonry in CM 1:4 (1 cement and 4 Coarse sand) at all level & Depth with approved first class brick having minimum crushing strenngth of 75 Kg/Sqcm including scaffolding racking out joints, curing, watering etc. comp. (for walls, steps, chambers, drain,pillar, column)					
	230mm thick in super structure	cum	41.87			
	115mm thick in super sturcture	Sqm	196.19			
10	Plaster /work					
	Internal Plaster					
	Providing and applying 12mm thick sand faced cement plaster at all the heights with cement mortar ratio 1:4 roughed finished with using sponge on all types of concrete and brick surfaces, including scaffolding, curing etc. complete as per instruction of Architect	Sqm	400.00			
	External Plaster					
	Providing and applying 18mm thcik sand faced cement plaster at all heights in two layers; First Layer of 12mm with CM 1:6 and second layer6mm thick with CM 1:4 rough finished using sponge, on all types of concrete/ brick surfaces, including providing and adding liquid water proofing admixture of conplast X4211C of fosroc or approved equivalent of sika make as per manufacturerr's specification as per detial	Sqm	390.00			
11	Providing and Laying of Brick coba bat along with water proofing on Terrace in required slope/ gradient over the base coat of mortar. Cement mortar in 1:5 ratio. The haunches/ Khurra/ gola at the junction of the parapet wall and the roof shall be formed with brick bat.	Sqm	74.9			
12	Finishing					
12.1	Flooring					

ITEM NO	DESCRIPTION OF ITEM	Unit	Qty.	Rate Per Unit	Total Amount	Ramarks
a	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) complete with Polish	Sqm	227.0			
b	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-inCharge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	Sqm	Rate only			
c	Providing and laying of Polished Granite stone in Staircase slab as per desgin and specification	Sqm	175.0			
12.2	Paint					
	Two or more coats of Wall painting with acrylic emulsion paint 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	Sqm	400.0			
	Two or more coats of Wall painting with OBD (Oil Bond Distemper) paint 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	Sqm	Rate only			
12.3	Providing and Fixing of Anti-Glow - Thoughned 6mm Glass in Building elevation along with frames/members/ fixing materials complete with silicon filling and cleaning of glass make saint globin, modi or equivalent. Section size - 50mm x 100mm, thickness 16 guage, Silicon dow seal 789 with MS clamp and through bolt 100mm fastner with 3m red tape	Sqm	141.3			
12.4	Providing and Fixing of Marindi wood Door Frame (Polished) with size of (6" x 2.5") 152 x 63mm with flush door finished with laminate, door handle, lock, hinges complete with fixing	No.				
12.5	Providing and Fixing and cladding of 35mm thick Red Stone on building façade complete with finishing	Sqm	63.7			
12.6	Providing and Fixing and cladding of 35mm thick Dholpur Stone on building façade complete with finishing	Sqm	129.7			
12.7	Providing and Fixing of 304 make non corrive stainless steel Staircase railing complete with fixing and buffing till the satisfaction of the Client	rmt	37.5			
12.8	Providing and fixing of Rain water pipe of 6kg make supreme height 14.95 m	Nos.	3.0			

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12.9	Providing and Completing of complete Electrical work including of ceiling/ wall electrical with laying of wires as per Office of electrical, telephone, networking along with switch plate as per the selection of Client with A class material complete (Excluding fancy and ceiling lights)	Sqm	326.5			
12.1	All UPVC windows should be sound proof,weather proof,Eco friendly and energy efficient. Profiles resist discoloration,shape & dimensions. System: premium openable,Design: openable outside ,Colour: Grey/Wooden/ White,Handle- mathching to the colour of ,wheels - nylon and there should not be any mech joint on profile/frames Double rail profile should be 60 mm width,55 mm height with wall thickness 2.5mm. Reinforcement : 28X20X1.5mm Window shutter frame/Sash profile should be 75 mm width,35 mm height with wall thickness 2.5mm. Reinforcement : 24.5X31X1.5mm Glazing bead : 18 mm width ,20mm height and wall thickness 2.5mm. Gasket: EPDM/TPE and wheels: Nylon Glass: 5mm Plain from saint gobin,modi or Equivalent All profiles i.e. frame & shutters to be reinforced with GI,1.5mm thick and minimum 80% area of profiles.	Sqm	17.2			