

**Section-6****Bill of Quantities for works (BOQ)****A. A. Preamble**

1. The Bill of Quantities shall be read in conjunction with the Instruction to Bidders, General and Special Conditions of Contract, Technical Specifications and Drawings.
2. The quantities given in the Bill of Quantities are approximate and provisional, which are given to provide a common basis for making payment for works. Actual quantities of work are likely to increase or decrease as per the requirement at site. Hence there is no claim for any additional or less quantities than the specified in the BOQ.
3. The rates in the Bill of Quantities shall, except insofar as it is otherwise provided under the Contract, include all construction plant, labour, supervision, materials, erection, transportation, maintenance, insurance, administrative overheads, profit, taxes and duties, together with all general risks, liabilities and obligations set out or implied in the Contract.
4. The Bidder shall indicate the unit rate and line total on the Total Estimate Bid Amount, which shall be applicable on each item of the Bill of Quantities, whether quantities are stated or not.
5. General directions and description of work and materials are not necessarily repeated nor summarized in the Bill of Quantities. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the Bill of Quantities. References to the relevant sections of the contract documentation shall be made before entering prices against each item in the Bill of Quantities.

SPA Bhopal,

Sr. No.	DSR No	Description	Quantity	Unit	Rate	Amount
		<b>EARTH WORK</b>				
1	10.28	Providing and fixing stainless steel ( Grade 304) railing made of Hollowtubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners ,stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	745	kg		
2	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
2.1	4.1.5	1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	20	cum		
3	4.1	Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size)	30	sqm		
4	7.1	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : 7.1.1 Cement mortar 1:6 (1 cement : 6 coarse sand)	32	cum		
5	11.28	40 mm thick fine dressed stone flooring over 20 mm (average) thick base of cement mortar 1:5 (1 cement : 5 coarse sand) with joints finished flush.				
5.1	11.28.1	11.28.1 Red sand Stone	32	sqm		
5.2	1.28.2	11.28.2 White sand stone	12	sqm		
6	11.31	Extra for pre finished nosing in treads of steps of Kota stone/ sand stone slab.	150	metre		
7	16.91	Providing and laying factory made chamfered edge Cement Concrete paver blocks of required strength, thickness & size/shape, made by table vibratory method, to attain superior smooth finish using	84	sqm		

		PU or equivalent moulds, laid in required Grey colour & pattern over 50mm thick compacted bed of coarse sand, compacting and proper embedding / laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with jamuna sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand in footpath, parks, lawns, drive ways or light traffic parking etc. all complete as per manufacturer's specifications & direction of Engineer -in-Charge: (a) 80 mm thick c.c. paver block of M-30 grade with approved color design and pattern.				
8	MR	Brick work with Fly ash modular brick of class designation 50 in foundation and plinth in:				
8.1		ement mortar 1:6 (1 cement : 6 coarse sand)	2	cum		
9	MP PWD SOR 2014 I-2.27/P-26	Supplying and filling in plinth with crusher stone dust/ coarse sand under floors including, watering, ramming consolidating in layers not exceeding 20cm in depth in layers not exceeding 20cm in depth and dressing complete.	10	cum		
10	MP PWD SOR 2014 I-2.28/P-26	Supplying and filling in plinth with Hard muram/ Hard copra under floors including, watering, ramming consolidating and dressing complete	18	cum		
11	8.2	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.				
11.1	8.2.2	8.2.2 Granite of any colour and shade				
11.1.1	8.2.2.1	8.2.2.1 Area of slab upto 0.50 sqm	2	sqm		
11.1.2	8.2.2.2	8.2.2.2 Area of slab over 0.50 sqm	3.5	sqm		
12	5.9	5.9 Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge : 15.9.2 In cement mortar	8	cum		

13	15.6	15.60 Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	30	cum		
14	2.8	2.8 Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m. 2.8.1 All kinds of soil.	12	cum		
15	13.1	13.1 12 mm cement plaster of mix : 13.1.1 1:4 (1 cement: 4 fine sand) .	50	sqm		
16	13.46	13.46 Finishing walls with Acrylic Smooth exterior paint of required shade : 13.46.1 New work (Two or more coat applied @ 1.67 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm).	50	sqm		
17	3.61	3.61 Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : 13.61.1 Two or more coats on new work.	5	sqm		
18	MR	Supplying of wooden Ramp made up of 19mm thick block board construction including screws, nail and fittings wherever required and finished complete etc & edges to be sealed with matching wood beading etc.	2.55	sqm		
<b>Grand Total</b>						
<b>Grand Total (in words)</b>						

*Note: The rate and amount for the above mentioned work has to be submitted in the financial bid only (and not in the technical bid), otherwise the bid will be disqualified from participation in the financial bid.*

SPA Bhopal,