

PART - A Schedule of Rates (SOR) of AMC of Horticulture works at BCPL Plant (2015-16)

Sl no	Description	UOM	Quantity	Rate (In Figures)	Rate (In Words)	Amount
		A	B	C	D	E = B * C
1	Earth					
	Supplying and stacking of good earth at site including royalty and carriage up to 1 km (earth measured in stacks will be reduced by 20% for payment).	M3	4000	Do Not Quote = DNQ	DNQ	DNQ
2	Dump Manure					
	Supplying and stacking at site dump manure from approved source, including carriage up to 1 km (manure measured in stacks will be reduced by 8% for payment) : i) Screened through sieve of I.S. designation 20 mm	M3	200	DNQ	DNQ	DNQ
3	LAWN MAKING BY TURFING					
	Supply and dibbling of selected lawn grass(Doob grass,carpet grass)after preparing the land by ploughing/working to a depth of 40-45 cm, removing of all unwanted debris mixing of organic manure (10-15 kg/sqm),levelling the surface and initial maintenance by proper and periodic rolling,mowing and irrigation etc (as specified) for a period of six months from the date of dibbling including the application of recommended dose of fertilizers(N:P:K) mixture as specified and directed by the department.					
	1)By Doob Grass	M2	15000	DNQ	DNQ	DNQ
	2) By Carpet Grass	M2	35000	DNQ	DNQ	DNQ
4	Uprooting					
	Uprooting rank vegetation and weeds by digging the area to a depth of 60 cm removing all weeds and other growth with roots by forking repeatedly breaking clods , rough dressing, flooding with water, uprooting fresh growth after 10 to 15 days and then fine dressing for planting new grass, including disposal of all rubish with all leads and lifts.	M2	9800	DNQ	DNQ	DNQ
5	Flower/shrub/hedge Bed					
	Preparation of flower beds for hedging and seasonal flower and shrubbery by excavation 60cm deep and trenching the excavated base to a further depth of 30cm, refilling the excavated earth after breaking clods and mixing with sludge or manure in the ratio 8:1 (8 parts of stacked volume of earth after reduction by 20%:1 part of stacked volume of sludge or manure after reduction by 8%),flooding with water filling with earth if necessary watering and finally fine dressing levelling etc.including stacking and disposal of materials declared unserviceable and surplus earth by spreading and levelling as directed within a lead of 50m lift up to 1.5 m complete(cost of sludge or extra earth to be paid seperately)	M3	2000	DNQ	DNQ	DNQ
6	Pot Planting					
	Supplying and planting of seasonal flower/orchids in required size of pot including filling the pot to the top surface with appropriate soil media made of garden soil, river sand, cow-dung, leaf mould, fertilizer, pesticides as per specification and necessary maintenance.The pots shall be replaced with new fresh plants as and when required as directed by EIC. (Mixing of different ingredients of soil media to be made in presence of Deptt. official / Specialist concerned)					
	(I) Using earthen pot of 30 cm dia.	each	100	DNQ	DNQ	DNQ
	(II) Using earthen pot of 60 cm dia.	each	50	DNQ	DNQ	DNQ
7	Tree Planting					
	Supplying and planting of ornamental trees (1'-0" height sapling) including pit making (60 cm x 60 cm x 60 cm), filling the pit with appropriate soil media, manure and fertilizers as per specification and necessary maintenance for a period of one year from the date of planting complete as specified and directed .					
	SHADE TREE					

	(A) Neem / Mahaneem / Beef wood / Bakul / Acacia / Siris / Devils tree / Kadam / Palash / Pink Cassia / peepal / Silver oak / Simalu / Ajar	each	200	DNQ	DNQ	DNQ
	Flowering Tree					
	(H) Gulmohar / Ashok	each	200	DNQ	DNQ	DNQ
	(H) Kanchan	each	200	DNQ	DNQ	DNQ
8	Hedge Planting					
	Supplying and planting of suitable plant materials for preparation protective / external hedge (50 cm wide) including the preparation of the ground by mixing organic manure and fertilizers as per specification and necessary maintenance for a period of one year from the date of planting complete as specified and directed .					
	(i) With Durlanta	RM	300	DNQ	DNQ	DNQ
	(ii) With Acalypha wilkesiana	RM	1000	DNQ	DNQ	DNQ
	0	0	0			
9	Bed Planting					
	Supplying and planting of Dahlia / Chrysanthemum / Gladiolus /rose on the ground (bed planting, bed size 45 cm x 45 cm x 45 cm) including the preparation of the soil, providing organic manure and fertilizer, pesticides as per specification and necessary maintenance for a period of 4 months from the date of planting complete as specified and directed .	Each	1000	DNQ	DNQ	DNQ
9(ii)	Supplying and planting of selected rose plants on the ground (as specimen bush) including the preparation of the pit (45 cm x 45 cm x 45 cm), removing unwanted debris, filling the pit with manure and fertilizers as per specification and necessary maintenance for a period of 1year from the date of planting complete as specified and directed .					
	(A) With Pompon Rose	Each	100	DNQ	DNQ	DNQ
	(B) With Hybrid tea rose / Miniature rose	Each	100	DNQ	DNQ	DNQ
10	Shurb Planting					
	Supplying and planting of ornamental shrub (below 1'-0" height) including pit making (60 cm x 60 cm x 60 cm), filling the pit with appropriate soil media, manure and fertilizers as per specification and necessary maintenance for a period of one year from the date of planting complete as specified and directed .					
	(A) Radhachura / Krishnachura / Rat ki rani / Ixora / Jetuka	each	100	DNQ	DNQ	DNQ
	(B) Allmanda / Khorika zai / May flower / Kamini / Kathanda / Tecoma / Acalypha / Bougainvillea / Dracaena / Togor / Nilakantha / Mussaenda	each	100	DNQ	DNQ	DNQ
	C)Thuja	each	100	DNQ	DNQ	DNQ
11	Edging with Brick work					
	Edging with bricks laid dry length wise including excavation refiling consolidating with hand packing and spreading neatly surplus earth within a lead of 50m ,75 class designation	RM	800	DNQ	DNQ	DNQ
12	Rough dressing of ground with breaking clods	M2	2000	DNQ	DNQ	DNQ
13	BambooCaging of tree plantation with (bhuluka or equivalent) upto a height of 1.5 m .	Each	100	DNQ	DNQ	DNQ
14	Supplying fitting and fixing Maya hand pump No6 for 40 mm dia tube well with all accessories complete as directed.	No	5	DNQ	DNQ	DNQ
15	Supply and fitting and fixing of G.I. Pipes of following sizes with all fittings like bend ,tee,socket ,elbow reducer etc complete with G.I. fittings and clamps, including cutting and making good the walls etc including below GL as per EIC					
	25mm Nominal bore	RM	300	DNQ	DNQ	DNQ
	40mm Nominal bore	RM	150	DNQ	DNQ	DNQ
16	supply fitting and fixing suction pipes plain/bevel ended conforming to IS codes including supply and fitting of accessories lowering of assembly pipes complete as directed.					
	40mm dia	RM	50	DNQ	DNQ	DNQ
17	Providing and fixing of water pumps with all assesories complete					
	0.25 HP	No	3	DNQ	DNQ	DNQ
	0.5 HP	No	2	DNQ	DNQ	DNQ

18	Labour for boring hole for inserting tube well pipes through different soil/rock including hire charges of drill pipes scaffolding, tools and plants, taking out the same and lowering pipes, fittings complete as directed.					
	Bore hole 75mm dia	RM	350	DNQ	DNQ	DNQ
19	Fine dressing of the ground	M2	5000	DNQ	DNQ	DNQ
20	Brickwork in cement mortar in proportion 1:4 with 1st class brick including racking out joints and dewatering if necessary and curing complete as directed at all levels.	M3	10	DNQ	DNQ	DNQ
21	Half brick work at any level with 1st class bricks in cement mortar 1:4 (1 cement :4 coarse sand).	M ²	200	DNQ	DNQ	DNQ
22	Monthly Retainership Charges					
22.a	Maintenance of lawn, Shrubs and flower bed including, rolling watering, deweeding, mowing, hoeing, cutting & disposal of lawn rubbish. Out side the area and applying of fertilizer, insecticide/ pesticide (excluding material) etc.					
22.b	Maintenance of trees/shrubs (approx. 26301 Nos.) planted in different location including regular watering, deweeding, earthing up, pruning/shaping and applying of fertilizer, insecticide/pesticide etc. (payment for the material to be paid separately).					
22.c	Development and maintenance of one nursery and green houses including regular watering, hoeing and deweeding, cutting & preparation of bed for sowing of seasonal seeds/ shrubs cutting, grafting, shifting and filling of polythene bags etc.					
22.d	Maintenance/shifting of indoor/out door pot plants (500 nos.) in different buildings at BCPL Plant including watering, deweeding, hoeing, repotting of plants etc.					
22.e	Maintenance of Hedge including watering, Pruning /shaping etc. complete.					
22.f	Clearing/Cutting of Jungle grass inside BCPL plant as directed by EIC.					
22.g	Development/ renovation of new/existing lawns in various location in BCPL Plant as per instruction of EIC.					
22.h	Any other job as instructed by EIC i.e cutting of grass on pathways, road edges, along Kerb stone.					
	(A) --> (The estimated rate = (50 nosx@ Rs.222)X 26 days	Per Month	12	288600		3463200
	(B) --> Add applicable PF rate (@12%) + EDLI charges (@1.61%) i.e. 13.61% on (A)					471341.52
	Total A+B = C					3934541.52
	Add percentage (__%) as quoted on SOR price on (C) towards profit & Over heads to be quoted by contractor (Value in INR to be quoted) --> D					DNQ
	Total for Item No. 22 = (C + D)					DNQ
24	Providing services of manpower with required tools and tackles for carrying out assigned work.					
	Unskilled manpower	Nos	200	DNQ	DNQ	DNQ
25	Providing 3 nos. electrical/mechanical lawn movers on daily basis with electrical cables & safety kit etc. including maintenance on daily basis complete at site or as directed EIC. (Power will be supplied by BCPL free cost at nearest point if available for electrical mowers)	per day per lawn mover	150	DNQ	DNQ	DNQ
26	Providing services of 2 nos of experience skilled Horticulture supervisors on 08 hrs. per day basis for supervision etc. (The estimated rate = (2 nosx@ Rs.312)X 26 days --> [A]	Per Month	12	16224		194688
	(A) --> (The estimated rate = (50 nosx@ Rs.222)X 26 days					26497.0368
	(B) --> Add applicable PF rate (@12%) + EDLI charges (@1.61%) i.e. 13.61% on (A)					221185.0368
	Add percentage (__%) as quoted on SOR price on (C) towards profit & Over heads to be quoted by contractor (Value in INR to be quoted) --> D					DNQ
	Total for Item No. 26 = (C + D)					DNQ
	Grand Total (INR)					DNQ
	Grand Total (In Words)					DNQ