

**PROJECT: “Up-gradation of Jawaharlal Nehru Medical College, Aligarh Muslim University, Aligarh (U.P) under PMSSY-II” -
Package 4 : BOQ for Development of Horticulture & Landscaping Works.**

Sl.No.	DSR-2013 Code No. /NDSR	Description	Unit	Quantity	RATE (Rs.)	RATE (Rs.)	AMOUNT (Rs.)	AMOUNT (Rs.)
					<i>In Figures</i>	<i>In Words</i>	<i>In Figures</i>	<i>In Words</i>
1	2	<u>EARTH WORKS</u>						
1.1	2.29	Ploughing the existing ground to a depth of 15 cm to 25 cm and watering the same.						
1.1.1	2.29.1	All kinds of soil	100sqm	151.00				
1.2	2.31	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.	100 Sq.m	100.00				
		<u>A-EARTH WORK :- Sub Head Total</u>						
2	23	<u>HORTICULTURE & LANDSCAPING</u>						
2.1	NDSR	Supplying and applying of Chemical fertilizer and Organic manure of approved make and quality, before and after as per requirement and direction of Engineer - in - Charge.						
2.1.1	NDSR	DAP / NPK(25gm/sqm) or as per direction of Engineer - in - Charge.	Kg	410.00				
2.1.2	NDSR	UREA(10gsm/sqm) or as per direction of Engineer - in - Charge.	Kg	150.00				
2.1.3	NDSR	Bone Meal(150gm/sqm) or as per direction of Engineer - in - Charge.	Kg	2200.00				

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2.1.4	NDSR	Neem Cake(150gm/sqm) or as per direction of Engineer - in - Charge.	Kg	2200.00				
2.1.5	NDSR	Chloropyriphos20%EC(Anti-termite) or as per direction of Engineer - in - Charge.	Ltrs	100				
2.2	23.5	Rough dressing the trenched ground including breaking clods.	100sqm	60.00				
2.3	23.7	Fine dressing of the ground	100sqm	174.00				
2.4	23.8	Spreading of sludge, dump manure and / or good earth in required thickness as per direction of Engineer-in-charge (Cost of sludge, dump manure and / or good earth to be paid separately).	Cum	2,182.00				
2.5	23.9	Mixing earth and sludge or manure in the required proportion specified or directed by the Engineer-in-charge..	Cum	2,182.00				
2.6	NDSR	Supplying and stacking of selection No.1 grass of approved quality at site for grassing as per direction of Engineer-in-Charge. (Grass should be fresh, lush green in carpet shape, free from weeds).	Sqm	3,655.00				
2.7	23.10	Grassing with selection No.1 grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn, free from weeds and fit for mowing including supplying good earth, if needed (the good earth shall be paid for separately).						

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2.7.1	23.10.1	In rows 5 cm apart in both directions	100sqm	164.00				
2.8	NDSR	Grassing with selection No.1 grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn, free from weeds and fit for mowing including supplying good earth, if needed (the good earth shall be paid for separately) in rows 5 cm apart in both directions for Grass Paver Block area as per direction of Engineer - in - Charge. (Note: 50 % of total grass paved area shall be measured for payment purpose)	100sqm	3.50				
2.9	NDSR	Maintenance of grassing area for 12 months after 30days or more till the grass form a thick lawn free from weeds and fit for mowing including watering etc as per direction of Engineer - in - Charge..	100sqm	167.50				
2.10	23.13	Preparation of beds for hedging and shrubbery by excavating 60 cm deep and trenching the excavated base to a further depth of 30 cm, refilling the excavated earth after breaking clods and mixing with sludge or manure in the ratio of 8:1 (8 parts of stacked volume of earth after reduction by 20% : one 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, leveling etc. including stacking and disposal of materials declared unserviceable and surplus earth by spreading and leveling as directed, within a lead of 50 m, lift up to 1.5 m complete (cost of sludge, manure or extra earth to be paid for separately).	cum	85.00				

Sl.No.	DSR-2013 Code No. /NDSR	Description	Unit	Quantity	RATE (Rs.)	RATE (Rs.)	AMOUNT (Rs.)	AMOUNT (Rs.)
2.11	23.14	Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volume (2 parts of stacked volume of earth after reduction by 20% : 1 part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth, if any, with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately) :						
2.11.1	23.14.2	Holes 90 cm dia, and 90 cm deep	each	302.00				
2.11.2	23.14.3	Holes 60 cm dia, and 60 cm deep	each	268.00				
2.12	23.19	Edging with bricks laid dry length wise, including required excavation, refilling, consolidating with hand packing and spreading surplus earth neatly within a lead of 50 m :						
2.12.1	23.19.1	Common burnt clay F.P.S. (non modular) bricks of class designation 7.5	metre	150.00				
2.13	23.24	Flooding the ground with water including making kiaries and dismantling the same.	100sqm	154.00				
2.14	23.25	Supplying and stacking of well decayed cow dung manure at site including royalty and carriage upto 1 km (Cow dung manure measured in stacks will reduced by 8% for Payment).	cum	660.00				

Sl.No.	DSR-2013 Code No. /NDSR	Description	Unit	Quantity	RATE (Rs.)	RATE (Rs.)	AMOUNT (Rs.)	AMOUNT (Rs.)
2.15	23.26	Providing and fixing M. S. tree guard 45 cm square in plan, height 1.20 metre above ground level and 0.40 metre below ground level. The vertical members shall consist of four nos angle iron of size 25x25x3 mm, 1.8 m long, one at each corner and 8 nos flat iron of size 25x3 mm, 1.2 m long. The vertical members shall be welded to 4 nos 25x6 mm M. S. flats placed horizontally around the vertical member of the cage. One name plate of 1 mm thick M.S. sheet of size 250x100 mm shall be welded to the tree guard near the middle height and lettered CPWD / PWD/ any other approved name. The tree guard shall be fixed to the ground by making suitable holes and by embedding four corners leg in the ground, including refilling the earth, compaction etc. complete. The tree guard shall be painted with two or more coats of synthetic enamel paint of approved brand and manufacture over a coat of primer, complete in all respect.	each	60.00				
2.16	23.28	Preparation of mounds of various size and shape by available excavated / supplied earth in layers not exceeding 20 cm in depth, breaking clods, watering of each layer, dressing etc., lead upto 50 meter and lift upto 1.5 m complete as per direction of Engineer-in-charge.	Cum	80.00				
2.17	23.29	Providing Circular Cement Concrete pots of specified size, cast with cement concrete of nominal mix 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 6 mm nominal size), reinforced with 7 nos (3 nos horizontal & 4 nos vertical "U" shape) M.S. wires of 3.5 mm dia as per design, including required form work, finishing with cement punning on exposed surface, curing for specified period and stacking in required rows & height, all complete as per direction of Engineer-in-charge.						
2.17.1	23.29.1	Top inside dia 35 cm, outer bottom dia 25 cm, total height 35 cm with wall thickness of 25.4 mm	each	75.00				

Sl.No.	DSR-2013 Code No. /NDSR	Description	Unit	Quantity	RATE (Rs.)	RATE (Rs.)	AMOUNT (Rs.)	AMOUNT (Rs.)
2.18	NDSR	Supply & Planting best quality trees inclusive of cultivation of trees bead to required depth as per direction of Engineer - in - Charge. All trees / plants to be approved by Engineer-in-charge before planting including watering & maintenance for 12 months after planting.						
2.18.1	NDSR	Acaccia auriculisformis (common name Dalmoth, tree height. 8'-10' approx)	Each	8.00				
2.18.2	NDSR	Ashoka longifolia (common name Ashok , tree height. 6'-8' approx)	Each	35.00				
2.18.3	NDSR	Bauhinia purpurea (common name Kachnar , tree height. 6'-8' approx)	Each	6.00				
2.18.4	NDSR	Callistemon lanceolatus (common name Bottle brush tree height. 8' approx)	Each	9.00				
2.18.5	NDSR	Cassia seamea (common name Seamea , tree height. 8' approx)	Each	86.00				
2.18.6	NDSR	Ficus benjamina (common name Benjamina , tree height. 6'-8' approx)	Each	46.00				
2.18.7	NDSR	Laegerstroemia flosreginae (common name Pride of India , tree height. 6'-8' approx)	Each	7.00				
2.18.8	NDSR	Plumeria alba (common name Safed Champa , tree height. 6'-8' approx)	Each	15.00				

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2.18.9	NDSR	Syzygium cumini (common name Jamun , tree height. 5'-6' approx)	Each	8.00				
2.18.10	NDSR	Tamarandus indica (common name Imli , tree height. 5'-6' approx)	Each	23.00				
2.18.11	NDSR	Terminelia arjuna (common name Arjun , tree height. 6'-8' approx)	Each	32.00				
2.18.12	NDSR	Delonix regia (common name Gulmohar , tree height. 8'-10' approx)	Each	10.00				
2.18.13	NDSR	Anthocephalus cadamba (common name Kadamb , tree height. 8'-10' approx)	Each	5.00				
2.18.14	NDSR	Roystonea regia (tree height. 6'-8' approx)	Each	12.00				
2.19	NDSR	Supplying and plantation of best quality healthy Shrubs, climbers of approved quality & species as per direction of Engineer - in - Charge, inclusive of maintenance for 12 months after planting.						
2.19.1	NDSR	Bauhinia tomentosa (common name Small Kachnar , tree height. 1'-6" to 2' approx)	Each	50.00				

Sl.No.	DSR-2013 Code No. /NDSR	Description	Unit	Quantity	RATE (Rs.)	RATE (Rs.)	AMOUNT (Rs.)	AMOUNT (Rs.)
2.19.2	NDSR	Calliandra haematocephala (common name Red powder puff , tree height. 1'-6" to 2' approx)	Each	52.00				
2.19.3	NDSR	Cestrum nocturnum (common name Rati-Ki-Rani , tree height. 1'-6" to 2' approx)	Each	54.00				
2.19.4	NDSR	Tabernaemontana coronaria (common name Chandni , tree height. 1'-6" to 2' approx)	Each	60.00				
2.19.5	NDSR	Clerodendron inermie (common name Inermie , tree height. 1' approx)	Each	52.00				
		B- HORTICULTURE & LANDSCAPING :- Sub Head Total (Rs.)						
		TOTAL (A+B) (IN RS.)						