

## BOQ 1 (BSR ITEMS)

**Name** Tree Plantation work and maintenance of these plants for five years in the campus of University of  
**of** KOTA , KOTA  
**Work:**

S.No.	Item	Qty	Unit	Rate	Amount
1.00	Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains not exceeding 1.5 m 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 with a lead in a 50 meter including stacking of useful material if available : Hard rock(blasting prohibited) useful MATERIAL 30%	1200.00	cum	598.00	717600.00
2.00	carriage of excated rock with all lead and lift including loading , unloading & stacking complete.	1200.00	cum	119.00	142800.00
3.00	Supply & Stacking good soil of earth at site complete including loading unloading & Transportation etc.	3000.00	cum	240.00	720000.00
4.00	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead upto 50 Mtr. and lift upto 1.5 Mtr.	3000.00	cum	56.00	168000.00
5.00	Providing and Fixing of Retro Reflectorised direction & place identification sign boards made out of retro reflective sheeting of High Intensity prismatic grade conforming to IRC-67: 2012 & Type IV standards of ASTM D4956-09 specifications, fixed over 2mm thick Al / 4 mm thick ACP sheet supported with Back support frame of 25x25x3mm mild steel angle with areas not exceeding 0.9 sqm. Supported in mild steel angle iron post 75x75x6mm - 3 mtr height , firmly fixed to the ground by means of properly designed foundation of M20 grade cement concrete 45 cm X 45 cm X 60 cm , 60 cm below ground level complete (as per MoRT&H specification No.801) (for area Less than 0.9 sqm). 7 years Warranty for Retro Reflective Sheeting from the original sheeting manufacturer & a certified copy of three years outdoor exposure report from an independent test lab for the product offered shall be submitted by the contractor.Direction Sign boards below 0.9 Sq.Mtr Size Less than 0.9 SQ.Mtr Direction Sign Board	40.00	Each	5016.00	200640.00
6.00	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement in position to the required line, level and curvature jointed with cement mortar 1:3 (1 cement : 3 coarse sand ) including making joints with without grooves (thickness of joints except at sharp curve shall not to more than 5mm) including making drainage opening wherever required complete including painting etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineerin- charge).	20.00	cum	5416.00	108320.00
				Total	2057360.00

S.No.	Item	Qty	Unit	Rate	Amount
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Name **Tree Plantation work and maintenance of these plants for five years in the campus of University of**  
of **KOTA , KOTA**  
Work:

**BOQ-2 (ITEM RATE TO BE QUOTED BY THE BIDDER)**

S.No.	Item	Qty	Unit	Rate(To be quoted including all applicable taxes)	Amount
1.00	<p><b>Supply &amp; Planting of shady plants (Neem, Peepal, Goolar, Jamun, Imli or other specified) along road side including the following activities :-</b></p> <p>1. Preparation of soil including cleaning &amp; removing of unwanted shrubs removal of stones &amp; garbage.</p> <p>2. Supply of plant at site of two years of age &amp; height more than 1.50 Mtr.</p> <p>3. Supply &amp; application of dry manure (Farm yard manure organic)</p> <p>4. Supply &amp; application of Insecticides.</p> <p>5. Manuring, application of insecticides &amp; watering at least 20 liter per plant after planting &amp; during maintenance period .</p> <p>6. Watering to plants.(including cost of water).</p> <p>7. Maintenance of plants by the contractor for five years including pits, preparation of Thavala Hoeing weeding etc. &amp; application of insecticides, manure, watering as directed by the university etc. &amp; security. If the plant die during maintenance contractor has to replace same height plant at his own cost.(including cost of water,manure, insecticides, T&amp;P etc.) as per other details described in enclosed annexure "F "of tender document.</p> <p>8. No payment will be made for any activities illustrated in annexure F attached with tender document . All cost for such work deemed to be included in this item , hence rates shall be quoted accordingly including all applicable taxes like GST, IT , MINING Etc.</p>	800.00	each		
2.00	<p><b>Supply &amp; Planting of ornamental plants (Kachnar,Amaltas,Gulmohar,Arjun,Kala Siris, Jacranda etc. or other specified) along road side including the following activities :-</b></p> <p>1. Preparation of soil including cleaning &amp; removing of unwanted shrubs removal of stones &amp; garbage.</p> <p>2. Supply of plant at site of two years of age &amp; height more than 1.50 Mtr.</p> <p>3. Supply of dry manure (Farm yard manure organic)</p> <p>4. Supply of Insecticides.</p> <p>5. Manuring, application of insecticides &amp; watering at least 20 liter per plant after planting &amp; during maintenance period .</p> <p>6. Watering to plants.(including cost of water).</p>				

S.No.	Item	Qty	Unit	Rate	Amount
	7. Maintenance of plants by the contractor for five years including pits, preparation of Thavala Hoeing weeding etc. & application of insecticides, manure, watering as directed by the university etc. & security. If the plant die during maintenance contractor has to replace same height plant at his own cost.(including cost of water,manure, insecticides, T&P etc.) as per other details described in enclosed annexure-- of tender document.				
	8. No payment will be made for any activities illustrated in annexure F attached with tender document . All cost for such work deemed to be included in this item , hence rates shall be qouted accordingly including all applicable taxes like GST, IT , MINING Etc.	200.00	each		
3.00	Planting & maintenance of shrubs&flowering plants Planting of shrubs in central verge				
	1. Preparation of soil including cleaning & removing of unwanted shrubs removal of stones & garbage.				
	2. Supply of plant at site like Bouganvillia , Kaner & other flowering plant as per direction of the university.				
	3. Supply of dry manure (Farm yard manure organic)				
	4. Supply of Insecticides.				
	5. Digging of pits size 60x60x60 cms. Including removal of stones, Manuring, application of insecticides & watering at least 20 liter per plant after planting &during maintenance period				
	6. Watering to plants.(including cost of water).				
	7. Maintenance of plants by the contractor for five years including pits, preparation of Thavala Hoeing weeding etc. & application of insecticides, manure, watering as directed by the university etc. & security. If the plant die during maintenance contractor has to replace same height plant at his own cost.(including cost of water,manure, insecticides, T&P etc.) as per other details described in enclosed annexure F of tender document.				
	8. No payment will be made for any activities illustrated in annexure F attached with tender document. All cost for such work deemed to be included in this item , hence rates shall be qouted accordingly including all applicable taxes like GST, IT , MINING Etc.	1000.00	each		
4.00	Providing&Fixing RCC Precast Tree Gaurd with concrete mix M-30, smooth finish with cement mortar 1:2 and coloring pigments,Reinforced with 5mm dia HYSD bars as per reuirement.The panels will be manufactured using Fibre Reinforced plastic moulds with vibro compaction process so as to achieve shuttering finish . The panels shall be free from cracks,twists and such other defects.Holes of 25mm in each panel will be made as shown in drawing for fixing/tying panels . Size of all 4 panels of each tree gaurd (a) Height-180cm, (b)Width-At bottom 60cm at top 30cm (c)-Thickness of panels shall be minimum 40mm	1000.00	each		
5.00	Supplying and fixing of precast reinforced concrete benches casted with using M-30 grade concrete mix for sheet, back and lag having following sizes . Length of bench 1500mm, back height 450mm, seat width 450mm, thickness of support legs 100mm total height of bench = 1000mm, thickness of back & seat shall be minimum 50mm The finishing of bench with exterior emulsion wheather proof paint (Apex/Ultima/Asian Paint) with colour as approved by engineer-in-charge. The rates including curing, loading, unloading & transportation.	25.00	each		