

TENDER DOCUMENT

**GUJARAT UNIVERISTY
AHMEDABAD**

Name of Work: Maintenance, up-gradation and development of landscape in campus of Gujarat University Ahmedabad -38009

Tender ID No.: GU/ LANDSCAPING /2018-19

PRICE / FINANCIAL BID

Note : To be submitted online only

PRICE / FINANCIAL BID

SCHEDULE-B

Section 200- Development works:

Only rates to be quoted as almost entire campus is developed. Only some areas where it is needed and if the need arises University may ask the contractor to do the new work based on these quoted rates. It is difficult to estimate the future required quantities in advance hence this section is QUOTE RATE ONLY.

Sr.	Description	Unit	Monthly Approx. Quantity	Rate Rs.	Amount Rs.
1	AREA DRESSING & LEVELING: (including 3" - 9" spreading, & manual compaction as per drawing, design, specification and direction of EIC. Area to be dressed very finely and neatly using F.Y.M, soil, insecticide/pesticide mixture as directed to the perfect slope and level desired. (Minimum of 90% accuracy required). If the desired slope on compaction is not achieved party shall be liable to redo the work without any extra claims of charges. Dressing and leveling should be guaranteed for at least the period of four months from the completion of work. All the depressions occurring during the process of area cleaning, harrowing, de weeding etc. should be thoroughly filled and compacted with adequate amount of water treatment and settled. Process of watering, drying, and compaction should be repeated twice or more as required till required surface is achieved.	SQM	150		
2	AREA CLEANING : (Scrapping up to 4"- 6" for absolute and complete removal of vegetation, debris, weeds, garbage, and or all bio waste de gradable and unhygienic materials from the ground to be landscaped in order to make the foundation of proposed landscape healthy and strong materials	SQM	150		

	should be collected and dumped within 5 Mtrs of the site for further distance.				
3	GENERAL AREA CLEANING : (including general cleaning of site shown by Officer-in-charge within 100.00 mts. of the work area)	SQM	2000		
4	EXCAVATION IN ALL TYPE OF SOIL : soil to be excavated neatly from the directed place and dumped at the nearest shown site within 5 Mtrs including hard morum, Alluvial soil, loose soil, and or any other soil up to 1.50mtr. depth.	CUM	45		
5	CONTOURING : (Creation of contour from supplied earth, 3" spreading of soil, 10 mtr.head load lead and manual compaction as per drawing,design,specification and direction of EIC.)	SQM	400		
6	CARTAGE ON HEAD : (up to30 mtr. lead) All materials to be transported by carrying on head in a tub/cement bags/ plastics/ jute cloths/ paddle cart/ hand cart etc to the distance shown by the engineer in charge. Where and when direct use of transport such as trolley/ truck, etc is not viable.	CUM	25		
7	TRACTOR HIRING with trolley (Hiring of well equipped Tractor with all necessary fittings like trencher, Cultivator, jitter, claw, spade bar, surfacing blade, Oval dish Blades, Earth Cutter and complete hydraulic kit in best efficient condition etc. which ever when required. It should be all inclusive with driver with fuel etc. no extra items or charges shall be paid for what so ever. Timing calculation shall be done from starting the work to finishing the work. Transport timings shall not be calculated in the bill payment. No waiting charges shall be applicable. With cultivator pavda, driver & fuel All inclusive)	Nos. of Day	20		

8	LAWN PLANTATION-(To be planted on soil already area dressed or contoured for which separate payment to be made item no.1 & 4).Mixing of fym,termite treatment after flooding of area.fine dressing,plantation of lawn at distance 8cm.c/c. and 3-4 cutting per one month maintenance should not be charged and two cuttings should be given during free maintenance period. Bill shall be placed after completion of maintenance period)	SQM	2500		
9	SHRUBBERY PLANTATION : (Development of bed, plantation of shrubbery including application of FYM & termite treatment). Cost of plants, FYM, pesticide and other material not included. One month maintenance should not be charged and proper care should be taken during free maintenance period. Bill shall be placed after completion of maintenance period and after stabilizing the plants. Maximum of 5% mortality shall be tolerated.) 4"- 6" of soil mount (water retraining basin should be made neatly around the each plantation and maintained.)	SQM	185		
10	BAMBOO PLANTATION : {Excavation of it(0.30mtr.x0.30mtr.x0.30mtr.), application of FYM, planting of plants & termite treatment}.cost of plants, fym, pesticide and other material not included. 4"- 6" of soil mount (water retraining basin should be made neatly around the entire plantation and maintained.)	SQM	45		

11	<p>TOP DRESSING : (sieving of mixture of Soil & FYM, spreading of same) including 1"-3" spreading, & manual compaction as per drawing, design, specification and direction of EIC. Area to be top dressed very finely and neatly using F.Y.M, soil, insecticide/pesticide mixture as directed to the perfect slope and level desired on existing landscape without destroying it. (minimum of 90% accuracy required). If the desired slope on compaction is not achieved party shall be liable to redo the work without any extra claims of charges. Dressing and leveling should be guaranteed for at least the period of six months from the completion of work. All the depressions occurring during the ageing of the landscape etc. should be thoroughly filled and compacted with adequate amount of water treatment and settled. Process of watering, drying, and compaction should be repeated twice or more as required till required surface of the top dressing is achieved.</p>	SQM	2400		
12	<p>INDIVIDUAL SHRUBS : {excavation of pit 0.30mtr.x0.30mtr.x0.30mtr.), application of FYM, planting of plants & termite treatment}.cost of plants, fym, pesticide and other material not included. Individual shrubs Plantation should be carried on neatly accurately and with perfection as per the design and drawing and instructions given by the EIC. Plastic bags or pots should be removed carefully and soil around the roots should not be dropped or disturbed much. One month maintenance should not be charged and proper care should be taken during free maintenance period. Bill shall be placed after completion of maintenance period and after stabilizing the plants. Maximum of 5% mortality shall be tolerated. 4"- 6" of soil mount (water retraining basin should be made neatly around each plantation and maintained.)</p>	NOS.	500		

13	<p>TREE PLANTATION : {excavation of pit (1mtr.x 1mtr .x 1mtr.) application of FYM, planting of plant & termite treatment}Cost of plants, Fym, pesticide and other material not included. Tree Plantation should be carried on neatly accurately and with perfection as per the design and drawing and instructions given by the EIC. Plastic bags or pots should be removed carefully and soil around the roots should not be dropped or disturbed much. One month maintenance should not be charged and proper care should be taken during free maintenance period. Bill shall be placed after completion of maintenance period and after stabilizing the plants. Maximum of 5% mortality shall be tolerated. 4" - 6" of soil mount (water retraining basin should be made neatly around each plantation and maintained.)</p>	NOS.	75		
14	<p>TREE PLANTATION (WITH SUPPORT)-With thick stem/thin trunk.(Girth 7" to 9"). {excavation of pit (1.5mtr.x1.5mtr.x1.5mtr.) application of FYM,planting of plant &termite treatment.}Cost of plants, fym, pesticide and other material not included. Tree Plantation should be carried on neatly accurately and with perfection as per the design and drawing and instructions given by the EIC. Plastic bags or pots should be removed carefully and soil around the roots should not be dropped or disturbed much. Supporting material such as balli, bamboo, metal rod or a tree guard etc.... base of such support material should be dipped in tar till the desired depth within this cost with tar material and cost of heating it ti make it in a liquid form. Contractor should bring containers like drum tar heater etc... for the procedure with tar and fuel required. One month maintenance should not be charged and proper care should be taken during free maintenance period. Bill shall be placed after</p>	NOS.	5		

	completion of maintenance period and after stabilizing the plants. Maximum of 5% mortality shall be tolerated. 4"-6" of soil mount (water retraining basin should be made neatly around the entire plantation and maintained.)				
15	TRANSFERRING OF TREE With thin stem (Shifting & replanting): excavation of 2 numbers of pits (one where the tree is present and second at the place of tree re plantation. (1mtr.x1mtr.x1mtr. radius from the center of the main trunk of the tree) care should be taken that soil is properly held by the roots so a jute cloth to be wrapped properly and tightly with utmost precautions and transferred to a new place within the campus in contractor's transport vehicle like tractor trolley, loading tempo, loading rikshaw etc... and manually loading and unloading with utmost care at no extra cost. Uprooting should be done with proper care using labour, simple machines like pulley etc.. where and when needed within the same cost. application of FYM, uprooting of plant, cartage to new location, termite treatment and planting} Cost of plants, fym, pesticide not included. 4" - 6" of soil mount (water retraining basin should be made neatly around the entire plantation and maintained.)	NOS.	3		
16	TRANSFERRING OF TREE With thick stem/thin trunk- girth 7" to 9". (Shifting & replanting): Excavation of 2 numbers of pits (one where the tree is present and second at the place of tree re plantation. ((1.5mtr.x1.5mtr.x1.5mtr.). radius from the center of the main trunk of the tree) care should be taken that soil is properly held by the roots so a jute cloth to be wrapped properly and tightly with utmost precautions and transferred to a new place within the campus in contractor's transport vehicle like tractor trolley, loading tempo, loading	NOS.	8		

	rikshaw etc... and manually loading and unloading with utmost care at no extra cost. Uprooting should be done with proper care using labour, simple machines like pulley etc.... where and when needed within the same cost. application of FYM, uprooting of plant, cartage to new location, termite treatment and planting.} Cost of plants, fym, pesticide not included. 4"-6" of soil mount (water retraining basin should be made neatly around the entire plantation and maintained.)				
17	SUPPORT FOR TREE: Made of wooden balli, height 1.50mtr., top bracket to be 0.30x0.30mtr., leg embedded in ground up to 0.30 mtr. To have tar coat) Supporting material such as balli, bamboo, metal rod or a tree guard etc.... base of such support material should be dipped in tar till the desired depth within this cost with tar material and cost of heating it to make it in a liquid form. Contractor should bring containers like drum tar heater etc... for the procedure with tar and fuel required. One month maintenance should not be charged and proper care should be taken during free maintenance period. Bill shall be placed after completion of maintenance period and after stabilizing the plants and its support.	NOS.	30		
18	HEDGE PLANTATION : plantation of hedge including Scrapping up to 4"-6" for absolute and complete removal of vegetation, debris, weeds, garbage, and or all bio waste degradable and unhygienic materials from the ground to be landscaped in order to make the foundation of proposed Hedge plantation healthy, permanent and strong materials should be collected and dumped within 5 Mtrs of the site preparation of bed, by spreading, & manual compaction as per drawing, design, specification and direction of	SQM	850		

	<p>EIC. Following procedure is to be followed in plant bed preparation: Plantation beds to be dressed very finely and neatly using F.Y.M, soil, insecticide/pesticide mixture as directed to the perfect slope and level desired. (minimum of 90% accuracy required). If the desired slope on compaction is not achieved party shall be liable to redo the work without any extra claims of charges. Dressing and leveling should be guaranteed for at least the period of four months from the completion of work. All the depressions occurring during the process of scrapping , harrowing, de weeding etc. should be thoroughly filled and compacted with adequate amount of water treatment and settled. Process of watering, drying, and compaction should be repeated twice or more as required till required surface is achieved application of FYM & termite treatment included). Cost of plants, fym ,pesticide and other material not included. 4"-6" of soil mount (water retraining basin should be made neatly around the entire plantation and maintained.)</p>				
19	<p>LOTUS : (10"to 12" pots with well developed lotus plants) Lotus plants to be supplied and planted or placed with at least 6-8 well grown leaves flowering and with buds. All inclusive. Maintenance thereof should also include regular grooming, trimming, cleaning the plant its water body like pond etc... adding carbon dioxide or oxygen with proper manure fertilizers, water conditioners etc... water to be recycled regularly, ponds to be free of mosquito larva etc... organisms. All inclusive maintenance. Separate sheet to be attached with this bid mentioning the procedure and strategy of maintaining the lotus plants in detail.</p>	NOS.	30		

20	LABOUR FOR GARDEN WORK (Semi skilled) : Over head expences plus Profit margin and management fees. Should be stated in the adjoining column. (Semi skilled worker on per day basis with minimum wages plus P.F., ESIC, Bonus, leave etc. all wages as per the law of the State Govt. shall be paid as actual by the Institute)	NOS.	40		
21	LABOUR FOR GARDEN WORK (Skilled): Over head expences plus Profit margin and management fees. Should be stated in the adjoining column. (Skilled worker on per day basis with minimum wages plus P.F., ESIC, Bonus, leave etc. all wages as per the law of the State Govt. shall be paid as actual by the Institute)	NOS.	20		
22	SUPPLY OF FYM (Farm Yard Manure) : Supply of Dried Farm Yard Manure	TRACTOR	40		
23	SUPPLY OF FERTILE SOIL (Fertile River Soil) : Supply of Fertile River Soil	TRACTOR	45		

Section 100- Maintenance Landscape Works:

Sr.	Description	Unit	Gardeners	Garden Supervisor	Horticulturist cum Manager	
1	No. of Manpower / Day	A	Nos.	26	2	1
2	Monthly Salary (includes Basic D.A, P.F, ESIC, Bonus, Leave, Uniform, Overhead charges, Profit, Garden Equipments with maintenance)	B 26 Days (Approx.)	Rs.			
3	TOTAL	C = (AX B)	Rs.			
4	Total per Month	D	Rs.			
4	GRAND TOTAL (Rs.)	E = 12 Month X D	Rs.			

IMPORTANT NOTES :

- 1 All Wages and statutory payments as per minimum wages followed by State Govt. rules and regulations.
- 2 Supply of manpower may be varies depends on University authority.
- 3 All Garden tools and equipments supply by Contractor without any failure at time to time.
- 4 Water connection and electricity supply by University. Single point power connection Extra.