

**-: SCHEDULE - B :-**

**Name of work: Development of area adjecant to Tuna-GIM track by earthwork in embankment from 4.00 Km to take-off point for doubling offline to facilitate upcoming new projects at Tekra**

Sr. No.	Description of Item	Quantity	Rate		Unit		Amount
			In fig.	In words	In fig.	In words	
1	Reclamation of area/ approach road by filling up the areas with quarry spall not exceeding 125mm including cost of material, excavation, royalty, loading, unloading, transportation and spreading in layers not more than 30 cm or as directed, dressing the side slopes & levelling the materials with necessary tools, plants, machinery,equipments etc., and compaction of each layer with loaded trucks movement and top layers with power vibratory road roller (Earth Compactor) with watering including settlement of ground etc. complete as directed by the engineer in charge.	65835.00			1 M <sup>3</sup>	One Cubic Meter	
2	Construction of granular sub - base by providing, laying, spreading and compacting CLOSE/ COARSE GRADED MATERIAL mixing at O.M.C spreading in uniform layers with motor grader on prepared surface and compacting with roller of required type and capacity to achieve the desired density including all labour, material , machinery, lighting, guarding, barricading complete as directed.(Mix in place method Grading III as per MORTH 5th edition Section No-400, Clause No-401, Table No-400.1) (Including sattelment of ground)	87780.00			1 M <sup>3</sup>	One Cubic Meter	
3	Supplying and laying of Biaxial Geo-grid, made from virgin high density polypropylene, having aperture size of 65mmx 65mm and ultimate tensile strength of 30 kN/m with minimum junction efficiency of 95% & minimum radial stiffness of 350 kN/m (@0.5% strain. Only plan area to be measured and no extra payment to be given for overlaps.	215250.00			1 M <sup>2</sup>	One Square Meter	
4	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	21461.00			1 M <sup>3</sup>	One Cubic Meter	
5A	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	7240.00			1 M <sup>3</sup>	One Cubic Meter	
5B	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials.	992.00			1 M <sup>3</sup>	One Cubic Meter	

6	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :	448.50	1 M <sup>3</sup>	One Cubic Meter
7	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering,shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge.“(Note :- Cement content considered in this item is @ 330 kg/cum.“Excess/ less cement used as per design mix is payable/recoverable separately). Extra for providing richer mixes at all floor levels. Providing M-30 grade concrete instead of M-25	2735.66	1 M <sup>3</sup>	One Cubic Meter
8	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	511240.50	1 Kg.	One Kilogram
9	Centering and shuttering including strutting, propping etc. and removal of form for all heights :			
a)	Foundations, footings, bases of columns, etc. for mass concrete	1069.50	1 M <sup>2</sup>	One Square Meter
b)	Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets,kerbs and steps etc.	6281.50	1 M <sup>2</sup>	One Square Meter
c)	Suspended floors, roofs, landings, balconies and access platform	710.00	1 M <sup>2</sup>	One Square Meter
10	Dry stone pitching 22.5 cm thick including supply of stones and preparing surface complete.	3500.00	1 M <sup>2</sup>	One Square Meter
				<b>TOTAL = Rs.</b>