BOM WITH RFX

RFX NO	DSR 2021 Code	Item Description	Unit	QTY	Remarks
1.AA	1.1.2	Carriage of materials by mechanical transport including loading, unloading and stacking: Earth-upto 1 km	Cum	8.000	
1.AB	2.28.1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. All kinds of soil	Sqm	500.000	
1.AC	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 outside the periphery of the area cleared or as directed by Engineer In-charge.	Sqm	2400.000	
1.AD	2.32	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	1200.000	
1.AE	2.6.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. All kinds of soil	Cum	47.000	
1.AF	2.8.1	Earth work in excavation 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, within a lead of 50 m. All kinds of soil.	Cum	50.000	
1.AG	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	54.000	
1.AH	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete	Cum	288.000	
1.AJ	4.1.8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	Cum	316.000	
1.AK	4.3.1	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete.	Sqm	49.000	
1.AL	5.1.2	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size).	Cum	7.500	
1.AM	5.9.1	Centering and shuttering including strutting, propping etc and removal of form for: Foundations, footings, bases of columns, etc for mass concrete	Sqm	13.000	
1.AN	5.9.6	Centering and shuttering including strutting, propping etc and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	22.000	
1.AP	5.22.6	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	Kg	614.000	
1.AQ	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	35.000	

1.AR	10.1	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg.	845.000	
1.AS	13.1.2	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	Sqm	125.000	
1.AT	13.52.1	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.On steel work	Sqm	40.000	
1.AU	16.27	Surface dressing on old surface with hot bitumen of grade VG - 10 of approved quality using 1.95 kg of bitumen per sqm with 1.50 cum of stone chippings 11.2 mm nominal size per 100 sqm of road surface, including consolidation with road roller of 6 to 8 tonne capacity, etc. complete	Sqm	2350.000	
1.AV	16.40	Providing and laying seal coat of premixed fine aggregate (passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG - 10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface, including rolling and finishing with road roller all complete.	Sqm	2350.000	
1.AW	16.56.2	Providing and laying semi- dense Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equiped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-inCharge.25 mm compacted thickness with bitumen of grade VG30 @ 5% (percentage by weight of total mix) and lime filler @ 2% (percentage by weight of Aggregate) prepared in Drum Type Hot Mix Plant of 60-90 TPH capacity.	Sqm	2350.000	
2.AA	2.1.1	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge: All	Sqm	1728.000	
2.AB	16.1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earthwith lead upto 50 metres.	Sqm	3456.000	
2.AC	4.1.2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	534.000	
2.AD	4.1.8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	Cum	555.600	
2.AE	16.3.2	Supplying and stacking at site.63 mm to 45 mm size stone aggregate	Cum	432.000	
2.AF	16.3.6	Supplying and stacking at site.Stone screening 13.2 mm nominal size (Type A	Cum	86.400	
2.AG	16.3.9	Supplying and stacking at site good earth	Cum	34.560	
2.AH	16.4	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road / vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density .	Cum	345.600	

2.AJ	16.45	Providing and fixing in position pre-moulded joint filler in expansion joints.	per cm depth per cm width per m length	3048.750	in SRM unit EA=per cm depth per cm width per m length
2.AK	16.46.1	Providing and laying in position bitumen hot sealing compound for expansion joints etc.	per cm depth per cm width per m length	1016.250	in SRM unit EA=per cm depth per cm width per m length
2.AL	4.3.1	Centering and shuttering including strutting, propping etc. and removal of form work for :Foundations, footings, bases for columns	Sqm	1424.000	