

SCHEDULE OF QUANTITIES

Name of work : M/o Services under Nazul Account – II in Rohini Zone.

SH : Improvement of 20M & 12M R/W roads in sector -24, Rohini Phase – III.

S.No.	Description of Item	Qty.	Unit	Rate	Amount
1.	Demolishing cement concrete manually by mechanical means including disposal of material within 50 metres lead a per direction of Engineer-in-charge.	503.00	Cum		
2.	Earth work in surface excavation not exceeding 30cm in depth but exceeding 1.5m in width as well as 10sqm on plan including disposal of excavated earth upto 50m and lift up to 1.5m, disposal soil to be leveled and nearly dressed: a) All kind of soil	3354.00	Per 100 Sqm		
3.	Disposal of malba/Building rubbish / earth by mechanical transport i/c loading and unloading with 1 km lead.	1509.00	Cum		
4.	Filling pot holes with bituminous concrete using stone aggregate 40mm nominal size as per site requirement and bitumen of a grade60/70 @52 kg/cum of stone aggregate i/c hot mixing of stone aggregate in mini hot mix plant transporting mixed material and also i/c removal of all material trimming of complete excavation to provide firm vertical faces, cleaning the surface and back filling of mixed material (Bituminous concrete) over tack coat and compacting with Road Roller 6 to 9 tonnes capacity trimming and finishing the surface to form a continuous surface as per direction of Engineer-in-charge (tack coat shall be paid separately .	63.00	Cum		

5.	Supplying and stacking at site. a) 53mm to 22.4mm size stone aggregate.	109.00	Cum		
6.	Supplying and stacking at site Red Bajri.	9.00	Cum		
7.	Laying spreading and compacting stone aggregate of specified sizes to WBM specifications including spreading in uniform thickness , hand packing, rolling with 3 wheeled road/ vibratory roller 8 to 10 tonne 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.	101.00	Cum		
8.	Providing and applying tack coat using hot run bitumen of grade 80/100 including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications. a) On W.B.M. @0.75kg/Sqm. b) On bituminous surface @ 0.50kg/sqm.	1365.00 26685.00	Sqm Sqm		
9.	Providing and laying Bituminous Macadam on prepared surface specified grade crushed stone aggregate for profile corrective base / binder course including loading of aggregate with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material by tippers to paver and laying the mixed material with paver finisher fitted with electronic sensing device to the required level and grade and rolling with road rollers , as per MORTH specification to achieve the desired density and compaction but excluding the cost of primer / tack coat. a) 50mm average compacted thickness with bitumen of 60/70 grade @3.5% (Percentage by weight of total mix).	798.00	Cum		

10.	Providing and laying seal coat of premix fine aggregate (Passing 2.36 mm and retained on 180 micron sieve) with Bitumen using 128kg of bitumen of grade 80/100 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.	28050.00	Sqm		
11.	2.5cum premix carpet surfacing with 2.25 and 1.12cum of stone chipping of 13.2 mm and 11.2mm size respectively per 100 sq. and 52 kg and 56 kg of hot bitumen per cum of stone chipping of 13.2 mm and 11.2 mm respectively i/c tack coat with hot straight run bitumen with the aid of hot mix plant and paver finisher i/c consolidation with road roller of 6 to 9 tonnes capacity to give smooth leveled surface complete as per direction of Engineer-in-charge (tack coat to be paid separately). a) With paving asphalt 80/100 heated and mixed with solvent @ 70 grm. Per Kg. of asphalt (HMP located any where within or out side U.T.)	12085.00	Per sqm.		
	Total				