

INDIAN INSTITUTE OF INTEGRATIVE MEDICINE (IIIM), JAMMU
(COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH)

**NAME OF WORK: - Premix carpet surfacing of all internal roads in the colony at IIIM,
Jammu.**

SCHEDULE OF QUANTITIES

S.N.	DESCRIPTION	QTY.	UNIT	RATE	AMOUNT
1.	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m. All kinds of soil	508.00	Sqm		
2.	Supplying and stacking at site 63 mm to 45 mm size stone aggregate	33.00	Cum		
3.	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	33.00	Cum		
4.	Providing and applying tack coat using hot straight run bitumen of grade VG - 10, 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 : On bituminous surface @ 0.50 Kg I sqm	6427.50	Sqm		
5.	2.5 cm premix carpet surfacing with 2.25 cum and 1.12 cum of stone chippings of 13.2 mm and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone				

	chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately). With paving Asphalt grade VG - 10 heated and then mixed with solvent at the rate of 70 grams per kg of asphalt	6467.50	Sqm		
6.	Providing and laying Bitumen Penetration Macadam with hard stone aggregate of quality, size and grading as specified, with bitumen of suitable penetration grade, including required key aggregate as specified, spreading coarse aggregate with the help of self propelled/ tipper tail mounted aggregate spreader and applying bitumen by a pressure distributor and then spreading key aggregate with the help of aggregate spreader complete, including consolidation with road roller of minimum 8 to 10 tonne capacity to achieve specified values of compaction and surface accuracy : For 50mm compacted thickness using coarse aggregate of size 50-20 mm graded @ 0.60 cum per 10 sqm key aggregate of size 12.5 mm graded @ 0.15 cum per 10 sqm. With paving asphalt grade VG - 10 @ 50 kg/ 10 sqm.	220.00	Sqm		
7.	Painting runway/taxi track/apron marking with adequate nos of coats to give uniform finish with road marking paint of superior make as approved by the Engineer-in-charge, i/c cleaning the surface of all dirt, scales, oil, grease and other foreign material etc. and lining out complete. New work (Two or more coats)	589.50	Sqm		

Note: Rates shall be quoted in figures and words both for each item. Calculation of the amount of each item and total cost shall be written by the contractor in BOQ of the tender document clearly, failing which tender may be rejected.

Signature of Contractor

LIST OF APPROVED MAKES (CIVIL WORKS)

S.No	Materials	Approved Make / Manufactures
1	Adhesive solvent cement	Pedilite, Sikka, Fosroc, CICO,
2	Aluminum Building Hardware	IPSA, Everite, EBCO, ECIE, Hardwin Traders
3	Angle Iron	TATA, SAIL, RINL
4	Anodised Aluminium section	Jindal, Hindalco, Indalco
5	C. P fitting	Parko, EES EES, Mark
6	C.I Cover & Manhole Cover	Bajaj, MES , RIF & NICO
7	Cast Iron Pipes & Fittings Manhole Covers and Frames As per IS: 1729 (Manhole covers and frames)	Bajaj, MES, NECO, BIC Calcutta, Kajeco,
8	Cement (OPC)	ACC, Ambuja, Birla, L&T, J.P.Rewa,
9	Cement Primer	Asian, Nerolac, Dulux
10	Ceramic Tiles/ Vitrified Tiles	Kajaria, Nitco, Orient, Somany, H & R Jonhson
11	CP Brass fittings & Accessories	Ess-ess, Mark, Parko
12	Door lock	Godrej, Harrison, link
13	Epoxy Paint	Asian, Nerolac, Dulux
14	G. I Fitting	UNIK, DRP-M, KENT, ZOLOTO-M
15	G. I Sheet	TATA, RINL, Jindal, SAIL
16	G. I. Chain Link or barbed wire fencing	TATA, SAIL, Kamdhenu
17	G. I. Pipe	Jindal, Prakash surya, TATA
18	Gate/ wheel valve	Leader, DRP, ZOLOTO
19	Glass, Mirror (Float/ Sheet)	Modiguard, Saint Gobian, TATA Continantal
20	GM/ Forged Brass Ball Valves	Zoloto, DRP, Sant / Leader
21	Gun metal valves	Leader
22	Hydraulic door closer	Everest, Godrej
23	M. S. pipe	TATA, SAIL, RINL
24	Mild steel Bar / TMT bar	SAIL, TATA, RINL, Rathi, Kamdhenu
25	Oil bound distemper paint	Asian, Nerolac, Dulux
26	Orissa Pan, W.C, Vitreous china sink and wash basin, Urinal etc.	Hindware, Orient, Cera, Paryware
27	Paver Tiles	Endura, Marbonite
28	Plastic Emulsion Paint	Asian, Nerolac, Dulex
29	Polymer Sealent for expansion Joint	SIKA, CICO, Pidilite, G.E. Silicon.
30	Pre-Coated iron Galvanized profile sheet and accessories	Lioydeck, Trackdeck, Multiclad, TATA Bluescope
31	Pre-laminated particle board	Kitlam, Durolam, Anchor, Durian, Novappan
32	PTMT fitting	Prayag, Praksh Surya
33	PVC flushing cistern	Hindware, Cera, Parryware
34	PVC plastic seat (W.C)	Commonder, Hindustan Sanitary ware, Hindware
35	Rain Water & PVC Pipes & Fitting	Prince, Supreme, Finolex, SFMC
36	RCC Pipe	Ashok Cement Pipe, Indian Hume Pipe, KK
37	Sealant and Additives	Asian Paints, Fosroc, Pidilite
38	Stainless Steel Sink	Nilkanth, Nirali, Jayna, Crysil
39	Synthetic enamel paint/ primer	Asian, Nerolac, Dulux
40	Textured exterior paint	Asian, Nerolac, Dulux

41	Varnish	Asian, Nerolac, Dulux
42	Wall Putty	JK Wall Putty, Birla Putty
43	Water Proofing Compound	FOSROC, SIKA, CICO
44	Water proofing paint/ Snowcem	Snowcem-plus, Nerolac
45	White Cement	ACC, Birla, JK Birla, Ultra-Tech
46	18mm/12mm/6mm /4mm Ply Board	Confore, Garnix, Century, Douro
47	Fevicol	Pidilite, SH
48	Mica	Mirrino, Greenlam, Kitlam
49	Fly Proof Galvanised Wiremesh	Power
50	Water Storage Tank	Sintex

Note :-

- 1.0 Choice of selection materials to be used in work out of the approved list shall remain with Engineer of the work.
- 2.0 The work shall be carried out strictly according to lasted CPWD Specification and in confirmation to I. E. rules.

Signature of Contract