

Construction of Various Road of Junagadh District Under Suvidhapath Scheme Pkg.No. RPC-2/JND/SUVIDHAPATH/2025-26/PKG.NO.3 Ta.Mangrol Dist.Junagadh

BILL OF QUANTITIES

Item No.	Description of Item (With brief specification and reference to book of Specification)	Quantity	Unit	Rate In Figures	Amount
1	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slopes as directed upto 50 Mt. lead	1361.00	One Cum	109.41	148907.01
2	Earthwork in cutting in all sorts of soil and soft Murrum including conveying and spreading the suff embankment as and where directed within 200 meters from the end of the cutting with all required lead and lift.	67.00	One Cum	134.13	8986.71
3	Water Bound Macadam Grading 1 Providing, laying, spreading and compacting stone aggregates of 90 to 45mm sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading I as per Technical Specification Clause 405.	545.00	One Cum	1589.89	866490.05
4	Supplying and fixing reinforced concrete heavy duty nonpressure pipe carrying indian railway standard with collars for culverts carrying heavy traffic as per Indian railway standard specification including setting and jointing the pipe in C.M. 1:2 watering and laying (to level or slopes) of I.S. class NP3 300mm. Dia internal	45.00	One Rmt.	659.99	29699.55
5	Providing and laying RCC gutter including necessary excavation with foundation concrete C.C. M-10 & R.C.C. M-15 Wall, Bottom & Top slab with necessary shuttering, laying, vibrating, ramming & curing complete including T.M.T. reinforcement & bending, binding, placing in position etc. complete.	150.00	One Rmt.	3680.28	552042.00
6	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 220 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a fixed form paver or conventional method, compacting with 8-10 tonnes vibratory roller, finishing and curing etc. complete.	273.00	One Cum	2164.43	590889.39
7	Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with concrete grade M300, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing	517.00	One Cum	6032.73	3118921.41

Item No.	Description of Item (With brief specification and reference to book of Specification)	Quantity	Unit	Rate In Figures	Amount
8	Road marking with hot applied thermoplastic paints with reflectorising glass beads on bitumin/cc surface providing and laying a hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250gms per sqm area, thickness of 2.5mm is excluding of surface applied glass beds as per IRC:35- 2015. The finished surface to be level, uniform and free from streaks and holes. zebra patta /bump patta lane/center line/edge line/cut patta.The white/Yellow color marking should provide Sqm 296.40 liminance coefficinet on cemend road shalll be min 130 mcd/m2/lux and Asphalt road shall be min 100 mcd/m2/lux during the service life during the day time. The marking should meet the performance criteria for night time reflectivity, wet reflectivity and skid resistance as mentioned in the section-15 of IRC 35-2015. Warranty for the Retro reflectivity should be two years	115.00	One Sqm	367.72	42287.80
9	Supplying and fixing cat eye (Stimsonite) made out from Acrilo beaultile sterine injunction high compressed molding with reflector made of MMC (prismatic type of size 12cm x 6cm x 2.5cm) provided with bituminous adhesive 100g. with each unit for fixina. (High Intensity grade)	78.00	One No	375.72	29306.16
10	Providing and erecting Suvidhapath logo cum informatory retro reflectorised board as per IRC-67 made of engineering grade sheeting as per specification fixed over alluminium sheeting,2mm. thick as logo board with vertical support of M.S. angle 35x35x5 mm and lateral clearance of 100mm between logo & informatory board and 2mm.thick M.S. plate as information board with area exceeding 0.90 sqm. fixed on frame of an angle 35x35x5 mm and supported on a M.S. angle iron post 75mm x75mm x6 mm 2Nos firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45cm x45cm x60cm, below ground level as per drawing, including paiting	4.00	One No	6368.05	25472.20
Fifty Four Lakh Thirteen Thousand Two Rupees And Twenty Eight Paisa					5413002.28

I \ We am \ are willing to carry out the work at % above \ below percent (Should be written in figures and words) of the estimated rate mentioned above. Amount of My \ Our tender works put as under.

* Estimated Amount

Put to tender **Rs**.....

Deduct.....%

Net **Rs**.....

In words.....

* Estimated Amount

Put to tender **Rs**.....

Add.....%

Total **Rs**.....

In words.....

1.The Contractor shall exhibit a board with detailed specification and details of work as directed by the Engineer-In-Charge for which no extra payment shall be made.

2.The labour cess will be deducted as per prevailing rules i.e. 1% of the work done.

3.GST and Income tax TDS will be deducted at a source while making payments of bills

4.In all R.C.C. Items in Rate Analysis Standard Cement Consumption has been taken as per Govt. G.R.: PRC-10/2017 Cement Consumption/16/C Date:11/05/2017 as stated in

S.O.R. therefore in R.C.C. items where there is a change as per actual mix design the cost

of difference of cement consumption have been deducted from the rate of original item at the rate of input rate mentioned in all the tender.

Signature of Contractor.

Deputy Executive Engineer
Panchayat R&B Sub Division
Keshod-1

Executive Engineer
Panchayat R&B Division
Junagadh