

**BILL OF QUANTITY**

Sr. No.	Description of Item	Quantities Estimated but may be more or less	Unit	Tendered Rate	Total amount according to estimated quantites
1	2	3	4	5	6
1	Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials (A) By manual means in area of light jungle	0.11	Hec.	84255.99	9,099.65
2	Providing and Laying 50mm thick Bituminous Macadam (B.M.) in one layers on the existing B.T. surface using stone chips as per gradation and using VG-30 for tack coat at rate of 2.5 kg/ 10 sq.m. on B.T. surface and Bitumen VG-30 34KG/MT by weight of total mix by using stone chips as per MORT & H specification including heating asphalt and aggregates by Drum mix plant and spreading by paver finisher to the required grade, level and alignment and rolled including consolidation with vibratory road roller as per clauses 501.6 and 501.7 to achieve the desired compaction and providing, operating plant machineries, equipments, tools, plants, oil fire wood, kerosene and all labour charges etc.complete.	156.00	MT	2605.80	4,06,504.80
3	Providing and laying 20 mm thick average Mix seal surface using stone chips dust as per gradation and using bitument for mixing VG-30 at the rate of not less than 50.90 Kg / M.T.i.e. 5.09% on BT surface using stone chips as per M.O.R.T.H specification including heating the asphalt and aggregates by Hot Mix Plant and spreading the same by paver finisher including consolidation with Vibratory Roller and providing, operating plant machineries, equipment, tools, plants, oil, fire wood, kerosene and all labour charges etc. complete.	83.00	MT	3159.28	2,62,220.24
4	Earthwork for embankment including breaking clods, dressing with all lead and lift(excluding watering and consolidation )© From borrow area within 1.0 km lead.	180.00	Cum.	223.59	40,246.20
5	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidelines of IRC : SP 63-2018 etc. Complete.	648.00	Sqmt.	706.93	4,58,090.64

R & B Division

Junagadh

Name of Work :Resurfacing of Dagad Approach Road Ch. 0+000 to 0+360 Km, Ta. Manavadar Dist. Junagadh.

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1	2	3	4	5	6
6	Hazard Marker Sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP (Aluminum composite Panel); size 90x30 cms. rectangular as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 1.8mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for eachleg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	2.00	No.	3518.69	7,037.38

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7	Cautionary Warning Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90 x 90 x 90 cms. equilateral triangle as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for eachleg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	7.00	No.	3906.19	27,343.33

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8	Direction (Junction) Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 244x122 cms. rectangular as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4.0mtr (2Nos.) long stand post of Iron Angle 75 x 75 x 6mm /65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50x50x5mm; paintedwith bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for eachleg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	1.00	No.	21287.51	21,287.51

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9	Village name Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90x60 cms. rectangular as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	1.00	No.	6397.43	6,397.43
<b>Total Amount :</b>					<b>12,38,228.00</b>

**Total Twelve lakh thirty eight thousand two hundred twenty eight Only****Note Diversion & Structure Credited material amounting to Rs. 0 should be recovered from 1st R.A.Bill.**

I/We am/are willing to carry out the work at ..... % above / below percent [should be written in figures and words] of the estimated rates mentioned above. Above of my / our tender works out as under.

Estimated Amount

Put to tender Rs. ....

Deduct ..... % below Rs. ....

Net

In words .....

[Please strike out whichever is not applicable]

Estimated Amount

Put to tender

Deduct ..... % Above

Net

In words .....

Note :

- [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.

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**Junagadh**

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[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 Bidder**

**Deputy Executive Engineer  
Dist. R&B Sub Division  
Junagadh**

**Executive Engineer  
R & B Division  
Junagadh**