

कार्यपालक अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य प्रमंडल, जहानाबाद।

पत्रांक: 1629
प्रेषक,

जहानाबाद, दिनांक: 20/6/2022

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, जहानाबाद।

सेवा में,

अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, औरंगाबाद।

विषय :- MR (3054) अन्तर्गत पथ का पुनरीक्षित परिमाण विपत्र अनुमोदन हेतु समर्पित करने के
संबंध में।
महाशय,

उपर्युक्त विषय के संबंध में MR (3054) अन्तर्गत निम्नलिखित पथ का पुनरीक्षित परिमाण
विपत्र अनुमोदन हेतु दो प्रतियों में समर्पित किया जाता है जो निम्नवत् है-

Sl. No.	Name of Block	Name of Road
1	2	3
11	Kako	जहानाबाद - एकंगर रोड से ऐनवाँ रोड

अतः अनुरोध है कि पुनरीक्षित परिमाण विपत्र को अनुमोदन करने की कृपा की जाय ताकि

आगे की कार्रवाई की जा सके।

अनु0- पुनरीक्षित परिमाण विपत्र दो प्रतियों में।

विश्वासभाजन

20.6.2022
कार्यपालक अभियंता,
ग्रामीण कार्य विभाग, कार्य प्रमण्डल,
जहानाबाद।

M/s. Aditya Suras Engineering Pvt. Ltd.

20/6/2022
20/6/2022
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20/6/2022
Executive Engineer
W. D. (W) Division
Jehanabad
20/6/2022

(Ministry of Rural Work Department, Govt. of Bihar)
NEW MAINTENANCE POLICY 2018

Bill of Quantities(Revised)

Road Name	Jehanabad Akangar Road To Ainwan Road				
Length of	2500M	BLOCK :-	Kako		
S.No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removals of stumps of such trees cut earlier & disposal of unserviceable materials & removal of unserviceable materials to be used for	0.500	Cum	49524.680	24762.34
2	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled				
3	Brick Masonary/Stone Masonary	5.760	Cum	339.000	1952.64
4	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m & 100 m as per Technical	2250.000	Cum	176.750	397687.50
5	Granular Sub-base with Well Graded Material- Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with	246.210	Cum	1663.800	409644.20
6	WBM Grading 2 :- Providing, laying, spreading and compacting stone aggregates of specific 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	153.271	Cum	2853.690	437387.92
7	WBM Grading 3 :- Providing, laying, spreading and compacting stone aggregates of specific 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	380.067	Cum	2669.580	1014619.26
8	Prime Coat Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0 kg/sqm using mechanical means as per Technical	5017.380	Sqm	41.110	206264.49

Executive Engineer
R. W. D. (W) Division
Jehanabad

B.O.D. approved

Nanant Nanant

S.No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
9	Mix Seal Surfacing-Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type-B) aggregates using penetration grade bitumen to required line, grade and level to serve as wearing	5017.380	Sqm	170.110	853506.51
10	Tack Coat-Proving and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with primer and cleaned with hydriloc broom as per technical specification clause 503.	8332.500	Sqm	13.950	116238.38
11	Semi-Dense Bituminous Concrete -Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and	208.315	Cum	8461.020	1762536.23
12	Cement Concrete Pavement-Construction of unreinforced, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of	181.800	Cum	5328.703	968758.29
13	Cabale Duct-Providing and laying of reinforced cement concrete pipe duct, 300mm dia across the road extending form drain in cuts and toe of slope or toe of slope in fills constructing head walls at both ends providing minimum fill of granular material over top and sides of RCC pipe	30.000	Cum	910.180	27305.40
14	Kilometre stone Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and technical specification clause 1703.				
15	ii) Km stone	4.000	Each	1938.530	7753.32
16	iii) 200 m stone	10.000	Each	571.490	5714.90
17	Direction and place identification signs up to 0.9 sqm size board--Providing and erecting direction and place identifications of semi reflective sign boards as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeth 2 mm thick with area	7.680	Sqm	12090.980	92858.73
18	Traffic sign A. Retro Reflectorised Traffic signs-Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a				
19	600 mm equilateral & triangle,	20.000	Each	3533.000	70660.00
20	600 mm circular,	2.000	Each	3633.340	7266.68
21	600 mm x 450 mm rectangular,	5.000	Each	3502.930	17514.65

Ranjit Ranjan

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Executive Engineer
R. W. D. Division
23.6.2017
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S.No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
22	Printing New Letters and Figures of any shade- Printing new letters and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade as per drawings and technical specification clause 1701	264.000	nos	0.500	132.00
23	Planting of Trees and their Maintenance for one Year-Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard / sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and	110.000	Each	799.050	87898.80
24	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface-Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of	440.000	Sqm	735.750	323730.00
25	PCC Portion	60.000	Sqm	802.750	48165.00
26	Providing and Fixing 'Logo' of Project - Providing and fixing of typical PMGSY informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duly welded with MS flat iron	5.000	Each	9044.700	45223.50
27	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4	5.760	Cum	5574.740	32110.50
28	Plastering with cement mortar (1:4), 15 mm Thick on brick work in sub-structure as per Technical Specifications Clause 613.4 & 1204.	60.480	Cum	143.290	8666.18
29	Painting parapet wallPainting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	60.480	Cum	95.630	5783.70
30	Total (A)				6974141.12
31	GST@12%				836896.93
32	Labour Cess @ 1%				69741.41
34	Sub Total(A)				7880779.46
35	Total Cost of Maintenance	20.000	Quaterly	81,820.30	1636406.00
36	Total (B)				1636406.00
37	GST@12%				196368.72
38	Labour Cess @ 1%				16364.06
40	Sub Total(B)				1849138.78
41	Grand Total (A+B)				9729918.24
Total BOQ Cost					9729918.00

M/s Aditya Shree Engineers Pvt. Ltd. 669
 Nanam Director

Executive Engineer
 Division
 23/6/2022
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 23/6/2022

20/6/2022