

**MEASUREMENT BILL OF QUANTITY**

NAME OF ROAD **GONDA FIAZABAD ROAD TO CHANHA MARG**

PACKAGE NO  
BLOCK  
DISTRICT

**UP--3029**  
WAZEERGANJ  
GONDA

ROAD LENGTH 9.950 k.m.

S.NO	DISCRIPTION OF ITEM	QUANTITY	UNIT	RATE	AMOUNT
1	2	8	7	9	10
1	Cleaning and grubbing of road land including uprooting vegetation grass bush shrubs and trees of grith up to rith up to 100mm from road boundry including all materials, labour and t&p etc required for proper completion of work as per direction of Engineer-in-charge (MOST Specification clause 201)	39800.00	SQM	1.78	70844.00
2A	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 1000 metres, stacking serviceable and unserviceable materials separately	641.25	CUM	280.00	179550.00
2B	For Bituminous courses	2686.50	CUM	208.00	558792.00
2C	Supply of Dismantled stone, hand breaking into coarse aggregate to grading 3(53mm to22.4mm)as per table 400.8 as directed.	1343.25	CUM	211.00	283425.75
3A	.Earthwork in embankment with meachanically compacted to minimum 97 TO 100 % (SUB GRADE 100%) of the maximum dry density/ proctor density in ordinary soil excavation to be in the form of regular pits not exceeding .5M in depth and earthwork in embankment to be in 20 cm layers watering the earth to bring it to required optimum moisture content. compacting with roller 8 to 10 tonnes ramming and dressing the sirface to required level and slope and also including 1.5 lift and 50 m lead. The earth from cutting is to be used in macking embakment or be stacked as spoil banks within including cost of royalty and pillars at the interval of 50 m both side of the road including supply of all materials labour,T&P etc required for proper completion of work as per direction of Engineer-in-charge.(MOST specification clause-305)	60865.00	CUM	59.00	3591035.00
3B	Earth work in embankment for side shoulders compacted up to 100% of maximum dry density /proctor density in ordinary soil with 1.5M lift and 50 M lead in 20cm layers watering to optimum Moisture content , compacting with roller 8 to 10 tonns including supply of all materials labour,T&P etc required for proper completion of work as per direction of Engineer-in-charge.(MOST specification clause-305)	9380.36	CUM	60.00	562821.75
4	Construction of GSB-1(Inverted choke) sub-base by providing Coarse sand(JARWA), spreading in uniform layers with Manually on prepared surface, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	4029.75	CUM	584.00	2353374.00
5A	Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. (With new material)	9950X90/1828.5	CUM	685.00	1520774.49
5B	same as above but with old /dismantling material (Existing length X Getting material /Total provided material)	809.57	CUM	1353.00	1095348.21
6	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 2 as per Technical Specification Clause 405.	2805.81	CUM	1607.00	4508936.67
7	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.	2805.81	CUM	1719.00	4823187.39
8	Providing and laying of Bituminous cold emulson (Primer coat) @ 7 KG/10 SQM over water bound Macdom surface including cleaning of W.B.M. surface,including all materials labour,T&P etc as per direction by engineer in -charge(Most specification Clause502)	37410.78	SQM	20.80	778144.22
9	Providing and laying Bituminous tack coat with Bitumen(80/100 Grade)@ 2.75 KG per 10SQM over primed surface including heating to required temperature, all materials, labour,T&Petc as per direction by Engineer-in -charge.(Most specification Clause 513)	37410.78	SQM	10.50	392813.19

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1	2	8	7	9	10
10	Providing, laying and rolling of open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 80-100 kN static roller capacity, finished to required level and grades to be followed by seal coat of either Type A or Type B or Type C as per Technical Specification Clause 508.	37410.78	SQM	113.60	4249864.61
11	Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A, Type B and Type C as per Technical Specification Clause 510	37410.78	SQM	42.30	1582475.99
12	Construction of side drain in all complete	49.75	RMT	1709.00	85022.75
13	Brick soling with straight over brick laid on edge and dry labour only including preparation of sub-grade to prescribed camber filling joints with local earth over the entire surface and including all material labour T&p etc required for proper completion of work as per direction of Engineer in charge( SI NO 786 up pwd)	7290.00	SQM	179.00	1304910.00
14	<b>ROAD FURNITURE</b>				
a	SUPPLYING AND FIXING OF PUBLIC INFORMATION BOARD SIZE 900 X 2750 MM WITH STEEL TUBE OF 75 MM DIA, FIX WITH M.S. IRON PLATE OF 18 GAUGE G/CR SHEET. SUPPORTED BY 75X5 MM SIZE FLAT IRON INCLUDING CUTTING WELDING AND MOULDING ETC. PAINTING 2 COAT ON ONE COAT PRIMER PAINT OVER LETTERING WORK OF APPROVED SIZE OF LETTER AS PER DIRECTION BY ENGINEER-IN-CHARGE. FIXING OF THE PUBLIC INFORMATION BOARD 600 x 600 X 750MM CC WORK IN 1:3:6 CEMENT C/S AND STONE GRIT 20 MM THICK REQUIRED FOR THE PROPER COMPLETION OF WORK.	1	NO	8560.00	8560.00
b	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 25mm x 5m size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel plate tube. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700.1	1	NO	5827.00	5827.00
c	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 25mm x 5m size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel plate tube. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700.1	2	NO	1620.00	3240.00
d	Same as item no, 14c but for Direction sign board	2	NO	1620.00	3240.00
e	Same as item no, 14c but for Village name sign board	7	NO	1620.00	11340.00
f	Reinforced cement concrete M15 grade kilometre stone/local stone of	11	NO	1351.00	14861.00
	Same as item no, 14f but for Hectometer stones	40	NO	295.00	11800.00
15	<b>Construction of Cross Drainage Work(Details sepraty attached)</b>				
	a 450mm Dia HP culvert	9	NO	20328.00	182952.00
	b 1000mm Dia HP culvert	13	NO	102012.00	1326156.00
	c 2x1.5 RCC Culvert	0	NO	373138.00	0.00
	d 4x4x4 Box Culvert	0	NO	2594413.00	0.00
	<b>TOTAL</b>				<b>29509296.03</b>
16	<b>B</b>				
	For first year	9.950		14645.00	145717.75
	For second year	9.950		21055.00	209497.25
	For third year	9.950		34625.00	344518.75
	For fourth year	9.950		49686.00	494375.70
	For fifth year	9.950		58244.00	579527.80
	<b>Total for maintenance</b>				<b>1773637.25</b>
<b>Total Bid Price (in figures)</b>					<b>31282933.28</b>
<b>(in wor THREE HUNDRED TWELVE LACS AND EIGHTY THREE THOUSAND ONLY SAY</b>					<b>312.83</b>