

3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein and undertaking routine maintenance for five years, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:

- (i) Letter of Acceptance;
- (ii) Notice to proceed with the works;
- (iii) Contractor's Bid;
- (iv) Contract Data;
- (v) Special Conditions of Contract;
- (vi) General Conditions of Contract;
- (vii) Specifications;
- (viii) Drawings;
- (ix) Bill of Quantities; and
- (x) Any other document listed in the Contract Data as forming part of the contract.

In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of _____

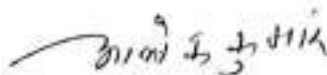
was hereunto affixed in the presence of:

Signed, Sealed and Delivered by the said _____

in the presence of:

Binding Signature of Employer _____

Binding Signature of Contractor _____




कार्यकारी अधिकारी,
प्राचीन कार्य विभाग,
कार्य प्रकल्प, अहमदाबाद।
24/12/23

Abstract of BOQ For Package No.MR-N/22-23 Chakia/04
Rural Works Department, Works Division, Chakia

Sl No.	Name of Road	Length (In Kms.)	BOQ (In Rs.)		Total Cost of BOQ (In Rs.)
			Construction Const	5 years Maint. Cost	
1	2	3	4	5	6
1	Kalyanpur Bada Bazar to Kalyanpur Bada Nahar Tak	1.000	8982989.49	841381.17	9824370.66
2	Narayanpur, House of Jyoti Raut to Dilawarpur via House of Baldev Kuwar	3.366	15858270.97	3499488.35	19357759.32
3	L066-L040 To Subala (VR53)	3.075	13900806.21	3282726.44	17183532.65
	Total	7.441	38742066.67	7623595.96	46365662.63

कार्यप्रालोक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकिया

B.O.Q. Approved for Construction Cost PART-A' Sl. No. 1 To..... For
₹ 38742067.00 Three Crores Eighty seven
Forty two Thousand..... hundred Sixty seven
And maintenance Cost PART-B' of Rs. 7623596.00
₹ — Crores Seventy six Thousand
Five hundred Ninety six only)

SE (RWD)
Superintending Engineer
Rural Works Department
Works Circle, Mothari

02/08/2023

Scanned by CamScanner

कार्यप्रालोक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, चकिया।

Authority: CHIEF ENGINEER WORKS

Work: Construction of Road & CD Works of 1066.040 to Subala (VHS) Length -3.076 Km, Block -Kalyanpur, District -East Champaran, UNDER M/R Construction Cost of Road - 132.009 Lacs & 5 Years Maintenance Cost - 31.176 Lacs

Contract No: Civil Works

Bidder Name:

Excess (+) %

SCHEDULE OF WORKS

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Description of work	No or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
1.00	Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a load of 1000 kg including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201.	9.619	Ha	62032.430	38149.54
2.00	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 load up to 1000m as per Technical Specification clause	1291.500	Cum	243.730	314777.30
3.00	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 UMC and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401 (By mix in place method) For Grading II Material	104.150	Cum	2538.800	264416.02
4.00	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 brooming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405 WBM Grading 2 (By Mechanical Means)	108.310	Cum	4934.840	534402.52
5.00	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 brooming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405 WBM Grading 3 (By Mechanical Means)	161.650	Cum	4757.490	769048.26

Approved

Superintending Engineer
Rural Works Department
Works Circle, Motihari

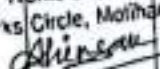
20/12/23

Scanned by CamScanner

कायमल 20/12/23
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, सुकिया
24/12/23

	Description of work	No. or Qty	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
6.00	Providing and applying prime coat with bitumen emulsion (SS-1) on prepared surface of granular layer including cleaning of road surface and spraying primer at the rate of 0.70- 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502.	2155.333	Sqm	62.050	133738.41
7.00	Providing 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 dried with synthetic broom as per technical specification clause 502.	10999.145	Sqm	21.210	233291.69
8.00	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 course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 8-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 505.	2155.333	Sqm	262.930	566701.71
9.00	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 M/M, transporting the hot mix in work silo, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 505 complete in all respects.	221.100	cum	14332.080	3168622.89
10.00	Construction of un-reinforced plain cement 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 aggregate maximum size of aggregate not exceeding 25mm, mixed in a concrete of not less than 0.2cum capacity and appropriate weight batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel planks including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, dowel bars, near approaches to bridge/culvert and construction joints, admixtures as approved, curing of concrete slab for 14 days curing compound (where specified) and water finishing to lines and grade as per drawing and Technical specification clause 1501.	446.440	Cum	8658.840	3882970.21
11.00	Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC 8 fixing in position including painting and priming etc as per drawing and technical specification clause 1703 a) Km stone	4.000	No.	3086.970	12347.80

Approved

 Supervising Engineer
 Rural Works Department
 Works Circle, Mohan


Scanned by CamScanner

राजस्थान सरकार,
 ग्रामीण कार्य विभाग,
 कार्य प्रमंडल, जयपुर

 24/9/23

	Description of work	No or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
12.00	Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC 8 lying in position including painting and printing, etc as per drawing and technical specification clause 1701 a) 700 mm stone	12.000	No	879.630	10555.56
13.00	Providing and fixing of retro-reflectors 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 mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm 600 mm below ground level as per drawings and Technical Specification Clause 601 i) 600 mm equilateral & triangle,	14.000	Nos	4290.950	60073.44
14.00	Providing and fixing of retro-reflectors 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 mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 601 ii) 600 mm circular	4.000	Nos	5556.540	22222.16
15.00	Providing and fixing of retro-reflectors 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 mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 601 iii) 600 mm x 450 mm rectangular,	4.000	Nos	5426.090	21704.36
16.00	Planting of trees by the road side (Average 5000) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/ludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one	117.000	Each	1108.950	129747.15
17.00	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflecting glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC 35. The finished surface to be level, uniform and free from streaks and holes. At Edge for BT Portion	467.000	Sqm	823.800	384714.60
18.00	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflecting glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC 35. The finished surface to be level, uniform and free from streaks and holes. Pedestrian Crossing (2 m in length and providing at 50 cm apart)	6.000	Sqm	823.800	5590.40

Approved

Superintending Engineer
Rural Works Department
Works Circle, Molihari
Chitawa

आमने इ. सु. म. 15

Scanned by CamScanner

कार्यपालक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रमोदन परिसर,
24/12/2023

	Description of work	No. or Qty	Unit	Estimated Rate Figure	AMOUNT Rs P
19.00	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflecting glass beads @ 250 gms per sqm area. Thickness of 2.5 mm is exclusive of surface applied glass beads as per RCC 35. The finished surface to be level, uniform and free from streaks and holes. At Edge for CG Portion	140.000	Sqm	917.770	128489.50
20.00	Providing and laying of typical MMSY masonry super board with Logo as per MCHD specifications and drawing. Three MS plates of 16 mm thick, top and middle plate duly welded with MS flat bar 25mm x 6mm 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 lube 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 lube. All MS 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 lube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701.	3.050	No.	12946.230	38838.69
21.00	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material.	78.030	Cum	350.040	27313.82
22.00	Brick Flat Soling Laying brick soling layer on prepared sub grade With bricks on lines, graded and cross-section shown on the drawing filling joints with sand and grain as per Technical Specification Clause 412	48.770	Sqm	321.080	15655.07
23.00	Providing concrete for plain/reinforced concrete (M-40) in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	10.730	Cum	7774.850	83424.14
24.00	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8	39.990	Cum	669.020	24752.11
25.00	Brick masonry work in cement mortar in foundation complete excluding pointing and plastering as per drawing and technical specifications clauses 600, 1202 & 1203	49.540	Cum	6443.720	319221.85
26.00	Brick masonry work in cement mortar in substructure complete excluding pointing and plastering, as per drawing and technical specifications clauses 602, 603, 604, 1202 & 1204	17.730	Cum	6724.930	119233.01
27.00	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification clauses 802, 804, 805, 806, 807, 1202 & 1204 IV RCC Grade M 20	4.860	Cum	8482.540	41225.14
28.00	Providing & Laying reinforced cement concrete in superstructure as per drawing and technical specifications clauses 800, 1205.4 and 1205.5 II RCC Grade M-25	3.310	Cum	9683.630	32062.82

Approved

Superintending Engineer
Rural Works Department
Works Circle, Motihari

31/10/23, 3/11/23

Scanned by CamScanner

29/10/23
कार्य प्रमुख, जिला पंचायत, प्रमोद कायस्थिभार, कार्य प्रमुख, जिला पंचायत, प्रमोद कायस्थिभार

	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
29.00	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	0.650	MT	107231.440	69700.44
30.00	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification clauses 616, 700, 1204.3.7	32.000	Nos	143.690	4598.08
31.00	Drainage spouts complete as per drawing and technical specifications clause 1209	2.000	Nos	547.790	1095.58
32.00	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 600 and 1208.4 Brick Masonry in c.m. (1:3) in parapet	6.770	cum	6707.830	45412.01
33.00	Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 813.4 & 1204 Plastering with cement mortar (1:4)	144.760	sqm	216.790	31355.86
34.00	Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new plaster / concrete surface as per drawing and technical specification clause 1701	100.800	sqm	116.890	11779.49
35.00	1% Labour Cess	1.000	No	115658.87	115658.87
36.00	18% GST	1.000	No	2081859.73	2081859.73
37.00	Add 10% Seigniorage Fee :	1.000	No	137400.000	137400.00
Total Construction Cost :					13900806.21
38.00	Maintenance for 1st year	1.000	Year	113105.00	113105.00
39.00	Maintenance for 2nd year	1.000	Year	271398.00	271398.00
40.00	Maintenance for 3rd year	1.000	Year	655187.00	655187.00
41.00	Maintenance for 4th year	1.000	Year	358624.00	358624.00
42.00	Maintenance for 5th year	1.000	Year	1056162.00	1056162.00
43.00	1% Labour Cess	1.000	No	27544.76	27544.76
44.00	18% GST	1.000	No	495805.68	495805.68
45.00	Add 10% Seigniorage Fee :	1.000	No	4900.00	4900.00
Five Year Maintenance Cost :					3282726.44
Total Estimated Cost in Figures					17183532.65
Say Amount					17,183,533.00
Quoted Rate in Words					

Superintending Engineer
Rural Works Department
Works Circle, Mohan

कार्यपालिका अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकीया

Signature of Tenderer with seal

5 of 5

Scanned by CamScanner

कार्यपालिका अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल चकीया।
24/12/23