

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 _____

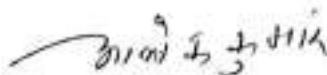
was hereunto affixed in the presence of:

Signed, Sealed and Delivered by the said _____

in the presence of:

Binding Signature of Employer _____

Binding Signature of Contractor _____




कार्यकारी अधिकारी,
प्राचीन कार्य विभाग,
नगर प्रशासन, 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 (R.W.D.)
Superintending Engineer
Rural Works Department
Works Circle, Mothari

02/08/2023

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

Working Authority: CHIEF ENGINEER WORKS

Name of Work: Construction of Road & CD Works of :- Narayanpur, House of Jyoti Raut to Dilabarpur via House of Baldev kuwar, Length - 3.48 Km., Block -Kalyanpur, District -East Champaran, UNDER MR. Construction Cost of Road - 150.664 Lacs & 5 Years Maintenance Cost - 33.233 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 Figure	AMOUNT Rs. P
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 lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201.	0.673	Ha	62032.430	41760.23
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 lead up to 1000m as per Technical Specification clause	1413.720	Cum	243.730	344565.98
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 OMC, 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	65.460	Cum	2510.000	164304.60
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)	75.830	Cum	4675.480	369707.65
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)	115.860	cum	4704.620	545077.27

Approved

Superintending Engineer
Rural Works Department
Works Circle, Moshari

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कार्यक्रम का निदेश,
ग्रामीण कार्य विभाग,
कार्य प्रगति रिपोर्ट।
24/12/23

	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
6.00	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 Specification Clause 502.	1544.800	Sqm	62.029	95868.50
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 cleaned with hydrilac broom as per technical specification clause 503.	9091.713	Sqm	21.200	205464.32
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 509.	1544.800	Sqm	261.660	404521.32
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 filler, transporting the hot mix to work site, 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. 508 complete in all respects.	203.680	cum	14273.990	2907325.28
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 M 30 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 weigh batcher using approved mix design laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick plythene film, wedges, steel plates 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.	736.290	Cum	8619.520	6346466.38
11.00	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. ii) Km stone	4.000	No.	3077.690	12310.76

Approved

(Signature)

Superintending Engineer
Rural Works Department
Works Circle, Motihari

(Signature)

बिनाई क. ज. 4113

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24/3/23

पामोरा नगर विभाग,
कार्य प्रपत्र, राजिवा
24/3/23

	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 fixing in position including painting and printing, etc as per drawing and technical specification clause 1703. a) 200 m stone	13.000	Mts	877.950	11413.35
13.00	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 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 801 i) 600 mm equilateral & triangle,	16.000	Nos	4286.630	68586.08
14.00	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 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 801 ii) 600 mm circular	4.000	Nos	5551.210	22204.84
15.00	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 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 801 iii) 600 mm x 450 mm rectangular,	4.000	Nos	5421.760	21687.04
16.00	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/slugde manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one	103.000	Each	1108.950	119766.60
17.00	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 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	430.200	Sqm	823.800	354398.76
18.00	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 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)	8.000	Sqm	823.800	6590.40

Approved

Superintending Engineer
Rural Works Department
Works Circle, Miraj

[Signature]

कार्यपालक, सिविल
ग्रामोपाय विभाग,
कार्य प्रबंधन, सिविल
मिर्जापुर

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उपनिर्देशक, सिविल

	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
19.00	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 grms 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 CC Portion	243.000	Sqm	917.775	223016.11
20.00	Providing and fixing of typical MMSY informative 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	3.000	No.	12937.570	38812.71
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 load of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material.	78.030	Cum	350.040	27313.62
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 earth as per Technical Specification Clause 412	48.770	Sqm	321.080	15659.67
23.00	Providing concrete for plain/reinforced concrete (M-10) in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	10.730	Cum	7734.880	82995.25
24.00	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204 3.8	30.990	Cum	869.020	34752.11
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	6442.280	319150.55
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	6723.490	119207.45
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	8443.540	41035.60
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	9543.520	31820.05

Approved

 Superintending Engineer
 Rural Works Department
 Works Circle, Molhali
 Dhinsai

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 25/08/23
 25/08/23

	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
29.00	Supplying, fitting, and placing HRSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	6.650	MT	107214.765	65089.59
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 610, 709, 1204.3.7	32.000	Nos	143.670	4597.44
31.00	Drainage spouts complete as per drawing and technical specifications clause 1208	2.000	Nos	547.750	1095.50
32.00	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 Brick Masonry in c.m. (1:3) in parapet	12.530	cum	6705.890	84024.80
33.00	Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 613.4 & 1204 Plastering with cement mortar (1:4)	205.260	sqm	216.640	44467.53
34.00	Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new plastered / concrete surface as per drawing and technical specification clause 1701	161.260	sqm	116.860	18847.16
35.00	1% Labour Cess	1.000	No	131985.47	131985.47
36.00	18% GST	1.000	No	2375738.45	2375738.45
37.00	Add 10% Seigniorage Fee :	1.000	No	152000.000	152000.00
Total Construction Cost :					15858270.97
38.00	Maintenance for 1st year	1.000	Year	110004.00	110004.00
39.00	Maintenance for 2nd year	1.000	Year	255848.00	255848.00
40.00	Maintenance for 3rd year	1.000	Year	1071318.00	1071318.00
41.00	Maintenance for 4th year	1.000	Year	335818.00	335818.00
42.00	Maintenance for 5th year	1.000	Year	1163979.00	1163979.00
43.00	1% Labour Cess	1.000	No	29369.65	29369.65
44.00	18% GST	1.000	No	528653.70	528653.70
45.00	Add 10% Seigniorage Fee :	1.000	No	4500.00	4500.00
Five Year Maintenance Cost :					3499488.35
Total Estimated Cost in Figures					19357759.32
Say Amount					19,357,759.00
Quoted Rate in Words					

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकोया

Superintending Engineer
Rural Works Department
Works Circle, Kothari
Muzaffargarh

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

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