

ONE THOUSAND RUPEES
Rs.1000

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 _____

Dhirendra Construction Pvt. Ltd.

Subbar
Director

01/11/22
कार्यपालक समित्यता
ग्रामिण कार्य विभाग
कार्य प्रमण्डल चार्टर
28/11/22
28.11.22

Abstract of BOQ For Package No.MR-N/22-23 Chakia/02
Rural Works Department, Works Division, Chakia

Sl No.	Name of Road	Length (in Kms.)	BOQ (In Rs.)		Total Cost of BOQ (in Rs.)
			Construction Cost	5 years Maint. Cost.	
1	2	3	4	5	6
1	Koilabelwa to Piprakham	6.795	24046322.00	6835468.00	30881790.00
2	PMGSY Path to Rampur Gopal Via House of Manoj Kushwaha	3.635	15995498.00	2716280.00	18711778.00
3	Sitalpur PWD Road to Sitalpur Gramin Road Tak	3.337	14455135.00	2939666.00	17394801.00
	Total	13.767	54496955.00	12491414.00	66988369.00

कार्यपालक अभियन्ता
 ग्रामीण कार्य विभाग
 कार्य प्रमण्डल, चकोया

B.O.Q. Approved for Construction Cost PART-A Sl No. 1 To 3 For
 ₹ 54496955/- (₹ Five Crores forty four
 Ninety Six thousand Nine hundred Eighty five only)
 And maintenance Cost PART-B Sl No. 1 To 3 For
 ₹ 12491414/- (₹ One Crores Twenty four Thousand
 Four hundred Fourteen only)

अधीक्षक/अभियन्ता
 ग्रामीण कार्य विभाग
 कार्य प्रमण्डल, चकोया

अधीक्षक अभियन्ता
 ग्रामीण कार्य विभाग
 कार्य प्रमण्डल, चकोया

Dhirendra Construction Pvt. Ltd.

Dhirendra
 Director

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ग्रामीण कार्य विभाग
 कार्य प्रमण्डल, चकोया

28/11/22

28/11/22

Tender Inviting Authority: CHIEF ENGINEER WORKS-I					
Name of Work: Construction of Road & CD Works, of :- Kollabehwa to Piprahm, Length - 6.795 Km., Block - Kalyanpur, District - East Champaran, UNDER MR. Construction Cost of Road - 240.463 Lacs & 5 Years Maintenance Cost - 58.355 Lacs					
Contract No: Civil Works/					
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. of 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.	1.358	Ha	59728.130	81167.81
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	2853.900	Cum	254.040	725004.75
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	183.760	Cum	2478.930	455528.18
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)	150.810	Cum	4812.200	870093.88
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)	347.050	cum	4647.950	1613071.05

Signature of Tenderer with seal

Dhirendra Construction Pvt. Ltd.

Director

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ग्रामीण कार्य विभाग
कार्य प्रमण्डल धारिका

28/11/22 29.11.22

Sl. No.	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.	4627.333	Sqm	59.110	273521.65
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 hydrioc broom as per technical specification clause 503.	26897.833	Sqm	20.120	541184.40
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	4627.333	Sqm	247.360	1144617.09
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	556.760	cum	13402.520	7461967.04
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 weight 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.	369.660	Cum	8170.660	3020366.18

Approved
अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
पारस अंतक, मोरिहारी

Dhirendra Construction Pvt. Ltd.

Director

Signature of Tenderer with seal

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कार्य प्रमण्डल कार्यालय

28/11/22

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
11.00	Analysis of Panel Concrete Pavement Construction of un-reinforced, dowel jointed at expansion and construction joint only, 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 coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene 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 slabs for 14-days, using curing compound (where specified) and water finishing to lines and grade as per drawing and Technical Specification Clause 1501	115.524	Cum	8509.440	1017701.75
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. i) 5th km stone	3.000	No.	अधीनस्थ अभियन्ता ग्रामीण कार्य विभाग कार्य अंचल, गोरखपुरी	
13.00	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.	2922.760	11691.16
14.00	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) 200 m stone	30.000	No.	815.850	24475.50
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 801 i) 600 mm equilateral & triangle,	28.000	Nos	4234.560	118567.68

Dhirendra Construction Pvt. Ltd.

Dhirendra
Director

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ग्रामीण कार्य विभाग
कार्य प्रमण्डल कार्यालय

28/11/22 नरेश
28/11/22

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
16.00	Providing and fixing of retro-reflectised 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	12.000	Nos	5499.150	65989.80
17.00	Providing and fixing of retro-reflectised 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,	14.000	Nos	5309.700	75175.80
18.00	Reinforced cement concrete M15 grade boundary pillars/focal stone of standard design as per IRC-25, fixed in position including finishing and lettering but excluding painting as per drawing and Technical Specification Clause 1704	72.000	Nos	616.750	44436.00
19.00	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/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one	294.000	Each	1079.330	317323.02
20.00	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	1176.000	Sqm	823.740	968718.24
21.00	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	823.740	6589.92
22.00	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 CC Portion	183.000	Sqm	916.810	167779.23

Dhirendra Construction Pvt. Ltd.

[Signature]
Director

Signature of Tenderer with seal

[Signature]

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कार्यप्रमाण विभाग

प्रामाण्य कार्य विभाग

कार्य प्रमाणन विभाग

28/11/22 29.11.22

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SL No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
23.00	Providing and fixing of typical MMSY informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.0 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	12693.616	38080.83
24.00	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 benches with excavated suitable material.	28.000	Cum	336.860	9432.08
25.00	Providing concrete for plain/reinforced concrete (M-10) in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	2.670	Cum	7413.250	19793.38
26.00	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M15	24.510	Cum	7031.510	172342.31
27.00	Providing and Laying Reinforced Cement Concrete Pipe NP3 1000 mm dia. as per design in Single Row	7.600	M	7195.010	53962.58
28.00	Providing concrete for plain/reinforced concrete (M-20 Nominal mix 1:2:4) in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 Bed Portion	2.610	Cum	7678.380	20040.57
29.00	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8	33.390	Cum	851.920	28445.61
30.00	Earthwork excavation for foundation of structures as per drawing and technical specification clause 1104 including setting out, stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material. (A) Ordinary soil	156.060	Cum	336.860	52570.37
31.00	Brick Flat Soiling Laying brick soiling 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	97.540	Sqm	318.320	31048.93
32.00	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802,803,1202&1203 (f) PCC Grade M-15 Nominal mix 1:2.5:5 with 40 mm and down graded metal	21.460	Cum	7413.250	159088.35

Signature of Tenderer with seal

Dhirendra Construction Pvt. Ltd.

Director

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कार्यपालक अभियन्ता

कार्य प्रमण्डल बाकेरा

28/11/22 29/11/22

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
33.00	Brick masonry work in cement mortar in foundation complete excluding pointing and plastering as per drawing and technical specifications clauses 600,1202&1203	99.080	Cum	6329.850	627181.54
34.00	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	35.460	Cum	6501.640	234094.15
35.00	Plain reinforced cement concrete in substructure complete as per drawings and technical specification clauses 602,604,605,606,607,1202&1204	9.720	Cum	7954.260	77315.41
36.00	Providing & Laying reinforced cement concrete in superstructure as per drawing and technical specifications clauses 600,1205.4 and 1205.5II. RCC Grade M-25	8.620	Cum	8968.850	59373.79
37.00	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002,1010 and 1202	1.300	MT	87973.580	114355.65
38.00	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification clause 1204.3.6	79.880	Cum	851.920	68136.56
39.00	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 616,709,1204.3.7	64.000	Nos	142.420	9114.88
40.00	Drainage spouts complete as per drawing and technical specifications clause 1209	4.000	No	540.010	2160.04
41.00	Guide Post	8.000	No	616.750	4934.00
42.00	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1205.4 Brick Masonry in c.m. (1:3) in parapet	28.040	cum	6545.310	183530.49
43.00	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)	363.080	sqm	207.400	75293.24
44.00	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	241.920	sqm	114.730	27755.48
45.00	1% Labour Cess	1.000	No	210730.281	210730.28
46.00	12% GST	1.000	No	2528763.373	2528763.37
47.00	Add 10% Seigniorage Fee :	1.000	No	233800.000	233800.00
Total Construction Cost :					24046322.37

Dhirendra Construction Pvt. Ltd.

Dhirendra
Director

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प्राथमिक कार्य विभाग

कार्य प्रमण्डल प्रोड्यूसर

28/11/22 28.11.22

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
48.00	Maintenance for 1st year	1.000	Year	317692.00	317692.00
49.00	Maintenance for 2nd year	1.000	Year	701485.00	701485.00
50.00	Maintenance for 3rd year	1.000	Year	1935658.00	1935658.00
51.00	Maintenance for 4th year	1.000	Year	907927.00	907927.00
52.00	Maintenance for 5th year	1.000	Year	2175351.00	2175351.00
53.00	1% Labour Cess	1.000	No	60381.13	60381.13
53.00	12% GST	1.000	No	724573.56	724573.56
54.00	Add 10% Seigniorage Fee ;	1.000	No	12400.00	12400.00
Five Year Maintenance Cost :					6835487.69
Total Estimated Cost in Figures					30881790.06
Say Amount					30,881,790.00
Quoted Rate in Words					

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ग्रामोण कार्य विभाग
कार्य प्रमण्डल, चक्रीया

Dhirendra Construction Pvt. Ltd.

Signature
Director

Signature of Tenderer with seal

कार्यपालक अभियंता
ग्रामोण कार्य विभाग
कार्य प्रमण्डल, चक्रीया

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