

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 _____

SHUBH VINAYAK INFRA PVT. LTD.

निशा देवी.
DIRECTOR

कार्यपालक निरीक्षक
प्राथमिक कार्य विभाग
कार्य प्रबंधन प्रमुख
12/21
06.09.22

Abstract of BOQ For Package No.MR-N/22-23 Chakia/09
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	Pmgsy Road Shiv Jee Sharma'S House To Pakri Dixit Main Road Via Pakri Kothi	3.318	13544559.71	2719158.33	16263718.04
2	NH-28 Barharwa Chowk to Barharwa Khurd	0.67	4888608.94	285326.13	5173935.07
	Total	3.988	18433168.65	3004484.46	21437653.11

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकीया

B.O.Q. Approved for Construction Cost 'PART-A' Sl. No. 1 To For

₹ 18433168.65 One Crores Eighty Four

Thirty Thousand One hundred Sixty only.

And Maintenance Cost 'PART-B' of Rs. 3004484.46

₹ — Crores Thirty Lacs Four Thousand

Four hundred Eighty four only.)

S.E. (R.W.D.)
Works Circle

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकीया

नरेन्द्र
06.05.22

Tender Inviting Authority: CHIEF ENGINEER WORKS-I

Name of Work: Construction of Road & CD Works of :- NH 28 Barharwa Chowk to Barharwa Khurd ,Length -0.67 Km., Block -Kesariya , District -East Champaran, UNDER MR. Construction Cost of Road - 48.886 Lacs & 5 Years Maintenance Cost - 2.853 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. or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
1.00	Cleaning 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.	0.134	Ha	59726.130	8003.30
2.00	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and loads, 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	321.600	Cum	254.040	81699.28
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	17.860	Cum	2795.870	49834.24
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 3 (By Mechanical Means)	32.880	cum	5229.650	171950.89

Approved
Superintending Engineer
Rural Works Department
Works Circle, Motihari

Signature of Tenderer with seal

कार्यपालक प्रमुखता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकिका

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
5.00	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 0.2 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 plythene film, wedges, steel plates including leveling 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.	408.020	Cum	8393.310	3407851.73
6.00	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) Km stone	1.000	No.	2989.360	2989.36
7.00	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	3.000	No.	824.110	2472.33
8.00	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,	4.000	Nos	4256.360	17025.44
9.00	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	2.000	Nos	5520.950	11041.90
10.00	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,	2.000	Nos	5391.500	10783.00

Signature of Tenderer with seal

कार्यपालक अभियन्ता
राजीव काय विभाग
कार्य प्रणाली अधिकारी
नमस्ते

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
5.00	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 0.2 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 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.	406.020	Cum	8393.310	3407851.73
6.00	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) Km stone	1.000	No.	2969.360	2969.36
7.00	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	3.000	No.	824.110	2472.33
8.00	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,	4.000	No.	4256.360	17025.44
9.00	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	2.000	No.	5520.950	11041.90
10.00	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,	2.000	No.	5391.500	10783.00

Signature of Tenderer with seal

कार्यपालक अभियंता
राष्ट्रीय कार्य विभाग
कार्य प्रमण्डल, चक्रिय
मुंबई

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
11.00	Reinforced cement concrete M15 grade boundary pillars/local 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	10.000	Nos	620.540	6205.40
12.00	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	623.740	6589.92
13.00	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	134.000	Sqm	916.810	122852.54
14.00	Providing and fixing of typical MMGSY 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	3.000	No.	12737.210	38211.63
15.00	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.	28.000	Cum	336.800	9432.00
16.00	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	7652.600	20432.68
17.00	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	7204.540	176583.28
18.00	Providing and Laying Reinforced Cement Concrete Pipe RCP 1000 mm dia. as per design in Single Row	7.500	M	7333.010	54997.58
19.00	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	7901.330	20622.47

Approved

[Signature]
 Superintending Engineer
 Rural Works Department
 Works Circle, Mothih

Signature of Tenderer with seal

[Signature]
 6/1/20

कोषपाल अधिकारी
 प्राविष्ट कार्य विभाग
 कार्य प्रमाणित अधिकारी
 22/1

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
20.00	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
21.00	Guide Post	8.000	No	620.540	4964.32
22.00	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	2.980	cum	6463.170	19260.25
23.00	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)	33.200	sqm	199.300	6618.76
24.00	1% Labour Cess	1.000	No	42789.459	42789.46
25.00	12% GST	1.000	No	513473.513	513473.51
26.00	Add 10% Seigniorage Fee	1.000	No	53400.000	53400.00
Total Construction Cost :					4888608.94
27.00	Maintenance for 1st year	1.000	Year	1359.00	1359.00
28.00	Maintenance for 2nd year	1.000	Year	1359.00	1359.00
29.00	Maintenance for 3rd year	1.000	Year	124212.00	124212.00
30.00	Maintenance for 4th year	1.000	Year	1359.00	1359.00
31.00	Maintenance for 5th year	1.000	Year	124212.00	124212.00
32.00	1% Labour Cess	1.000	No	2525.01	2525.01
33.00	12% GST	1.000	No	30300.12	30300.12
34.00	Add 10% Seigniorage Fee	1.000	No	0.00	
Five Year Maintenance Cost :					285326.13
Total Estimated Cost in Figures					5173935.07
Say Amount					5,173,935.00
Quoted Rate in Words					

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकिया

Superintending Engineer
Rural Works Department
Works Circle, Motihari

Signature of Tenderer with seal

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकिया

06.09.22