

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 _____

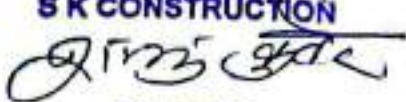
was hereunto affixed in the presence of:

Signed, Sealed and Delivered by the said _____

in the presence of:

Binding Signature of Employer _____

Binding Signature of Contractor _____

S K CONSTRUCTION

Proprietor


Executive Engineer
W.D. Works Div., Chh:

13/06/23

Tender Inviting Authority: CHIEF ENGINEER WORKS-I

Name of Work: Construction of Road & CD Works of :- NH 28 dhangarha chauk to Bhagwati Purnia ,Length -1.323 Km, Block -Kesarlya , District -East Champaran, UNDER MR. Construction Cost of Road - 72.379 Lacs & 5 Years Maintenance Cost - 10.937 Lacs

Contract No: Civil Works/

Contract No: Civil Works:

Bidder Name:

Excess (+) %

SCHEDULE OF WORKS

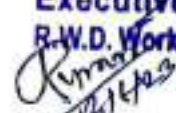
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

SL No.	Description of work	No.or Qty.	Unit	Estimated Rate	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 lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201.	0.265	Ha	59726.130 72639.95	15803.43 19249.59
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	635.040	Cum	254.040 255.11	161325.56 162005.05
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	27.500	Cum	2810.270 2857.13	77291.94 78742.50
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)	32.870	Cum	6494.899 5515.5	212617.03 181294.49
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)	93.940	cum	6286.000 5276.18	58853.21 518859.54

Signature of Tenderer with seal

S K CONSTRUCTION

 Proprietor

Executive Engineer
 R.W.D. Works Div., Chakla

 13/06/23

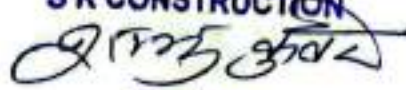
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1 of 5

L o.	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.	1311.200	Sqm	56.68 59.240	77675.49 74318.02
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.	4379.075	Sqm	20.460 19.32	89682.45 84603.73
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 5-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 508	1311.200	Sqm	250.310 256.39	340077.27 336178.57
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 M&RTH specification clause No. 508 complete in all respects.	78.700	cum	14098.970 13759.79	1676212.97 1055375.89
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 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 foing 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.	310.875	Cum	8427.370 8500.6	2619889.93 2642649.53
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. in Km stone	2.000	No.	2978.330	5956.66
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. ii) 200 m stone	5.000	No.	825.700	4128.50

Signature of Tenderer with seal

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S K CONSTRUCTION

 Proprietor

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Executive Engineer
 R.W.D. Works Div., Chakla

 13/11/23

13/11/23

	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
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,	4.000	Nos	4260.560	17042.24
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	2.000	Nos	5525.150	11050.30
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,	2.000	Nos	5395.700	10791.40
16.00	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	20.000	Nos	621.270	12425.40
17.00	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	41.000	Each	1079.330	44252.53
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. At Edge for BT Portion	162.000	Sqm	823.740	133445.88
19.00	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 60 cm apart)	8.000	Sqm	823.740	6589.92

S K CONSTRUCTION

Proprietor

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Executive Engineer
R.W.D. Works Div., Chakla

	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
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 CC Portion	102.600	Sqm	916.810	94064.71
21.00	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	3.600	No.	12745.610	38236.83
22.00	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	336.860	26285.19
23.00	Brick Flat Soling Laying brick soling layer on prepared sub-grade With brickb on lines, graded and cross-section shown on the drawing filling joints with sand and earth as per Technical Specification Clause 412.	46.770	Cum	318.320	15524.47
24.00	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	7889.020	82503.18
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	6257.830	310012.90
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	6529.620	115770.16
27.00	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification clauses 802, 804, 805, 806, 807, 1202 & 1204	4.860	Cum	8211.280	39908.82
28.00	Providing & Laying reinforced cement concrete in superstructure as per drawing and technical specifications clauses 800, 1205.4 and 1205.5	3.310	Cum	9224.760	30533.96
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	87956.910	57171.99

Signature of Tenderer with seal

4 of 5

S K CONSTRUCTION

[Signature]
Proprietor

[Signature]
Executive Engineer
R.W.D. Works Div., Chakla

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[Signature]
13/06/23

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
30.00	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 600 and 1204.4 Brick Masonry in c.m. (1:3) in parapet	8.770	cum	6472.600	43620.86
31.00	Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 613.4 & 1204.4 Plastering with cement mortar (1:4)	104.400	sqm	200.260	20919.16
32.00	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification clause 1204.3.8	39.990	Cum	851.920	34069.28
33.00	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	32.000	No	141.910	4541.12
34.00	Drainage spouts complete as per drawing and technical specifications clause 1209	2.000	No	540.010	1080.02
35.00	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	60.480	sqm	114.730	6938.87
36.00	1% Labour Cess	1.000	No	63217.102	63217.10
37.00	18% GST	1.000	No	1137907.830	1137907.83
38.00	Add 10% Seigniorage Fee :	1.000	No	84400.000	84400.00
Total Construction Cost :				760560347607235.16	
39.00	Maintenance for 1st year	1.000	Year	40595.00	40595.00
40.00	Maintenance for 2nd year	1.000	Year	94603.00	94603.00
41.00	Maintenance for 3rd year	1.000	Year	338221.00	338221.00
42.00	Maintenance for 4th year	1.000	Year	124362.00	124362.00
43.00	Maintenance for 5th year	1.000	Year	370617.00	370617.00
44.00	1% Labour Cess	1.000	No	9663.98	9663.98
44.00	18% GST	1.000	No	173951.64	173951.64
45.00	Add 10% Seigniorage Fee :	1.000	No	1700.00	1700.00
Five Year Maintenance Cost :					1151713.62
Total Estimated Cost in Figures				8757317.1	8758948.78
Say Amount				8757317.00	8,768,949.00
Quoted Rate in Words					

Superintending Engineer
Rural Works Department
Works Circle, Mohana

A vide letter no-105dt
03.06.2022 - 90.45 Lak

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकोया

Thou
And maintenance Cost TMT
₹ Crores
hundred

Signature of Tenderer with seal

S.E. (R. Works)
Works Circle
Mohana

S K CONSTRUCTION

Proprietor

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Executive Engineer
R.W.D. Works Div., Chakla

Rural
18/6/23

13/06/23

B.O.Q Approved for Construction Total TMT 11.21 No. 13

₹ 7605603.00 Crores. Seventy six Lacs

five Thousand Six Hundred Three only

And maintenance Cost PART-B 1151714.00

₹ Crores Eleven Lacs fifty Thousand
Seven hundred forteen only

Chandran
15.11.2022

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

Works Circle

Motihari

Ashish

15/11/2022

S K CONSTRUCTION

S K Construction

Proprietor

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