

भारतीय गैर-न्यायिक INDIA NON JUDICIAL



बिहार BIHAR

AS 475152

मालय कर्मसु
मालय ब्रेसर्ट
मालय इंजिनियरिंग
मालय एडमिनिस्ट्रेशन

AGREEMENT FORM

Agreement No. - 02/11/2024

This agreement, made the 13th Day of April 2024, between The Executive Engineer, Rural Work Department, Patori and M/s Bhagwati Construction, C/o - Sri Ramnath Ramzan, Vill - P.o - Shambhupatti, Distt - Samastipur - 848129 (Bihar), Mobile No. - 9431282346 hereinafter called "The Contractor" of the other part.

Whereas The Employer is desirous that the Contractor execute the work - MR-N/22-23 Patori 03 under head MR 3054 New Maint. Policy-2018 . Details of Road are as follow-

No.	Name of Road	Lengt h in K.M	Const. Cost in Rs.	18% GST	15% Labour Cess	S.Fr.e	Const. Cost + 5% (+7%) in Rs.	Less Quoted rate 3.03%	Manch uanc Cost of Five Year	18% GST	15% Labo ur Cess	S.Fr.e	Total Manch uanc Cost	Manch uanc cost after deduction of quoted rate 3.03%	Grand Total aft. deduction of quoted rate 3.03% (9+15)
1	R.W.D. Road to Nandauli Dihala	1.90 0.08 0.71	616126.5 110904 61613	110908 61613 61613	61613 61613 61613	61613 61613 61613	61613 61613 61613	7176458 7176458 7176458	1543270 1543270 1543270	340790 340790 340790	1943 22 279	1943 47 47	2317 272 288	224769.5 12 12	9423517.75
2	Dihala Bhata to Dabholia via Road	4.16 0 0.70	1216486 2277467 121649	1216486 2277467 121649	1216486 2277467 121649	1216486 2277467 121649	1216486 2277467 121649	11196877 11196877 11196877	4099810 4099810 4099810	615971 80 20	1699 840 840	1296 5605 5605	5435920 775 775	19832798.36	
3	P.W.D. Road Takri to 14 no. Railways Ghati	0.60 0 0.70	2115069 612138 19	2115069 612138 90	2115069 612138 612138	2115069 612138 612138	2115069 612138 612138	423747 423747 82	295733 295733 82	53231 53231 80	2957 30 80	3524 26.0 0	341748.5 6 6	4436827.18	

M/s Bhagwati Construction

Representative
Partner

मालय प्राधिकारिक अधिवक्ता
वार्गिक कार्यालय लिंगाराज
गोपनीय प्रदीप पटेल (लालसिंह)
13/4/2024

ter called "The works and the Employer has accepted the Bid by the contractor for the execution and
tion of such works and the remedying of any defects therein on his quoted rate 03.03 % (THREE
ZERO THREE Percent) below of the B.O.Q. rate for a cost of Rs. 33707143.00 (Rs. Three Crore
Seven Lakh Seven Thousand One Hundred Forty Three) only

AT THIS AGREEMENT WITNESSETH AS FOLLOWS-

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the condition of contract hereinafter referred to, and they shall be deemed to form and be construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the works and remedy any defects therein in conformity in all aspects with the provisions of the Contract.
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 the contract price or such other sum as may become payable under the provisions of the contract at the times and 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 and general condition of contract
 - vi) Specifications
 - vii) Drawings
 - viii) Bill of Quantity and
 - ix) 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 _____

M/S Bhagwati Construction
Rajmata Rama, Partner

Lalaji 13-11-17
Executive Engineer
RWD, Works Division, Patora

Dated 13-11-2017
At the office of Engineer
T.S.A. Patora (Bhatia)
CamScanner

अधीक्षण अभियंता

MR-3054

BILL OF QUANTITIES (BOQ)

PWD Road Fakir Takliya to 14 no Railway Gunti

Mohaddinagar 0.600 km	District :	Samastipur		
Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
SCHEDULE A				
Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removals of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a load of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201.1 and direction of E.I.	Ha	0.12	72539.95	8716.79
2 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 upto 1000 m as per Technical Specification Clause 303.1.	Cum	162.00	255.32	41361.84
3 Granular Sub-base with Well Graded Material(Grade 2) : Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader 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.	Cum	38.46	2420.02	93073.97
4 Water Bound Macadam with Stone Screening Gr-II : Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 2 as per Technical Specification Clause 405.	Cum	26.83	4998.81	134118.07
5 Water Bound Macadam Gr III : 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.	Cum	170.44	4825.53	822463.33
6 Construction of Panel concrete 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 M 30(Grade) coarse and fine aggregates conforming to IS:203, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weight batcher using approved mix design.Jaid in approved fixed side formwork (steel channel) laying and fixing of 125 micron thick polythene film,wedges, nail 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, admixture as approved, curing of concrete slabs for 14 days. Curing compound (where specified) and water finishing to lines and grade as per drawing and Technical specification Clause 1501. PCC Grade M-30 EachPanel (0.50X0.50) thickness 100 mm	Cum	237.25	9445.69	2146533.05
Kilometre stone				
7 Reinforced cement concrete M15 grade kilometre local stone of standard design as per I.R.C.8 fixing in position including painting and printing , etc as per drawing and technical specification clause 1703.	No.	1.00	2964.01	2964.01
I Km stone	No.	2.00	822.18	1644.36
H 200 m stone				

M/S Bhagwati Construction
Kamal Kumar
Partner

Page 1 of 2

Loring
Varanasi 13-11-2017
 वाराणसी अधीक्षण
 लोरिंग कार्य प्रिवेट
 लिमिटेड, वाराणसी
 ग्रैंड प्रॉपर्टीज़ (वाराणसी)
 13/10/2017



CamScanner

अधीक्षण अभियंता का कार्यालय

दामोदर नदी द्वारा

RD Road Fakir Takkiya Is 14 no Railway Gunti

Sahdhanagar

0.600 km

Description of Items	Unit	District : Samastipur		
		Qty.	Rate (Rs.)	Amount (Rs.)
Providing and fixing of retro-reflected cautionary, mandatory and prohibitory sign as per IRC 67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminum 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	Noe			
500 mm equilateral A triangle	Noe	6.00	4411.95	26471.70
500 mm circular	Noe	4.00	4330.88	17322.72
500 mm x 450 mm rectangular	Noe	2.00	4150.88	8373.88
500 mm side octagon	Noe	2.00	4031.08	8062.16
8 Reinforced cement concrete M15 grade bounded with decorative standard design as per IRC 25, fixed in position including finishing and levelling but excluding painting as per drawing and Technical Specification Clause 1704	Noe	68.00	748.19	50678.92
10 Printing new letter and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade as per drawings and Technical Specification Clause 1701	per cm height per letter	352.00	0.72	253.44
11 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 cracks and holes.	*			
i Pedestrian Crossing(2 m in length and providing at 50 cm apart)	Item	12.00	624.07	7508.84
ii At Edge for CC Portion	Item	120.00	631.08	111729.60
12 Providing and fixing of typical MMGSY informative sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.5 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 3mm. The single 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 pipe tube. All MS will be stove enamelled 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 1701.1	No.	2.00	11486.91	22933.82
Total				3519889.7
18 % GST				632878.1
1% LABOUR CESS				35159.8
10% SEIGNIORAGE FEE				53446.5
Total Construction Cost			A	4237474.3
SCHEDULE B				
13. 5 YEAR MAINTENANCE COST	Quarterly	20	14785.85	295733.0
Total				295733.0
18 % GST				53221.8
1% LABOUR CESS				2957.3
10% SEIGNIORAGE FEE				504.8
Total Maintenance Cost			B	353246.9
Grand Total Cost (A+B)				4559901.1

M/S Bhagwati Construction
Kamalika Rani
Partner

Sanjay
29-11-22
Loving
13-4-22
प्राप्तिकालक अधिकारी
नियमों कार्य संचार
गृह विभाग (सारांश)
BPHM

मुख्य अधिकारी
विभाग एवं विभाग
के लिए, सारांश

Dashara Beri to Daisinghsarai Road				
Mohangur	4.100 km	District :	Samastipur	
Description of Items		Unit	Gly	Rate (Rs.)
SCHEDULE A				Amount (Rs.)
1	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 30. mm, removals of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a limit of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201.1 and direction of E.R.	Ha	0.82	72639.95 58564.76
2	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 upto 1000 m as per Technical Specification Clause 303.1.	Cum	3125.25	255.52 797938.83
3	Granular Sub-base with Well Graded Material : Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at DMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	Cum	326.48	2539.17 828988.22
4	WBM Gr-II : Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller 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 2 as per Technical Specification Clause 405.	Cum	182.25	5271.64 960756.39
5	WBM Gr III : 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 MN 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.	Cum	289.89	5065.48 1468432.00
6	Prime Coat:- 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/m ² using mechanical means as per Technical Specification Clause 502.	Sqm	3573.99	55.61 198749.56
7	MSS :- 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.	Sqm	3573.99	259.10 926020.81
8	Tak Coat:- 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 hydrolic broom as per technical specification clause 503.	Sqm	18345.24	18.99 348376.11
9	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. 506 complete in all respects.	Cum	369.29	13565.24 5009507.48

M/S Bhagwati Construction
Kamal Kumar Partner

Laxmi
Laxmi
पार्टनरशिप असियला लाखी बाबू देव
प्राइवेट लिमिटेड
काशी गढ़वाल एडमिनिस्ट्रेशन ५७३
Date 1st of 2023

Dashera Beri to Dalsinghsarai Road			
Mohanpur	District :	Samastipur	
4.100 km			
	Description of Items	Unit	Qty
10	Construction of dry lean cement concrete Sub-base over a prepared sub-grade with coarse and fine aggregates conforming to IS-383, the size of coarse aggregate not exceeding 25mm, aggregate cement ratio not to exceed 15:1 aggregate gradation after blending to be as per table 600-1 cement content not to be less than 150kg/cubic optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.	cum	1.33 5917.88 6887.20
11	Construction of Panel concrete ,plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Caluse 1501.2.2 M 30(Grade) coarse and fine aggregates conforming to IS-383, maximum size of coarse aggregate not exceeding 25mm, 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, admixture as approved ,curing of concrete slabs for 14 days. Curing compound (where specified) and water finishing to lines and grade as per drawing and Technical specification Clause 1501. PCC Grade M-30 Each/Panel (0.50X0.50) thickness 100 mm	cum	75.75 9656.62 731488.97
12	Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC-6 fixing in position including painting and printing , etc as per drawing and technical specification clause 1703		
i	Kilometre stone	No.	5.00 3917.44 15087.20
ii	200 m stone	No.	12.00 831.68 9980.16
13	Providing and fixing of retro-reflectoised cautionary, mandatory and informative 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 800 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801		
	600 mm equilateral & triangle	Nos	4.00 4436.96 17747.64
	600 mm circular	Nos	2.00 4355.68 8711.36
	600 mm x 450 mm rectangular	Nos	8.00 4211.95 33686.60
14	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	Nos	4.00 752.54 3010.16
15	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 yardsludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one year	Each	195.00 1190.41 232129.95
16	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectoising 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.		
i	At Edge for BT Portion	Sqm	780.00 824.07 642774.60
ii	Pedestrian Crossing(2 m in length and providing at 50 cm apart)	Sqm	6.00 824.07 4944.42
iii	At Edge for CC Portion	Sqm	40.00 931.08 37243.20

M/S Bhagwati Construction
Romnit Ram
Partner

Landry 13.4.23
कार्यपालक अधिकारी
कार्यपालक अधिकारी कार्य प्रभाग
कार्यपालक पदों (घरानामीपुर)
B/4 पास

Dashra Beri to Daislinghsarai Road		District :	Samastipur		
Mohanpur	4.100 km	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
Description of Items		No.	2.00	11518.92	23033.84
Providing and fixing of typical MMGSY 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 plates 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 1709.1					
Total					12364868.7
18 % GST					2225676.4
1% LABOUR CESS					123648.7
10% SEIGNIORAGE FEE					132540.2
Total Construction Cost				A	14846733.9
SCHEDULE B					
18. 5 YEAR MAINTENANCE COST		Quarterly	20	234992.00	4699840.0
Total					4699840.0
18 % GST					845971.2
1% LABOUR CESS					46998.4
10% SEIGNIORAGE FEE					12953.8
Total Maintenance Cost				B	5605775.4
Grand Total Cost (A+B)					20452509.3

A/A — 205.93 Lakh Banning 29/11/22
 T.S — 204.53 Lakh ~~202.93 Lakh~~ 29/11/22
 As per B.O.B contract + mark up by — Rs 204.52, 57.9 = 20.52 Lakh
 Two crore, four lakh fifty two thousand five
 hundred nine only

20/11/22
 लोटपोली
 नोएच एंड विल्स
 बांगला, उत्तराखण्ड
Banning 29/11/22
 कार्यपालक अधिकारी
 विभागीय कार्य विभाग
 नवी पंडित घोषी (उत्तराखण्ड)
 15/12/22
Banning 29/11/22

M/S Bhagwati Construction
 Raman Raman
 Partner

PWD Road to Nandani Dhabla

Mohaddinagar

1.900 km

Description of Items SCHEDULE A		District :	Samastipur		
		Unit	Qty.	Rate (Rs.)	Amount (Rs.)
2	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removal of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a load of 1000 m ³ including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201.1 and direction of EII	Ha	0.38	72639.95	27603.16
3	Excavation for roadway in soil using manual means for carrying of cut earth to embankment site with a lift upto 1.5 m and lead upto 50 m as per Technical Specification Clause 302.3	Cum	78.75	100.17	7888.39
4	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 upto 1000 m as per Technical Specification Clause 303.1	Cum	1185.75	255.32	302745.69
5	Granular Sub-base with Well Graded Material (Grade-II) : Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotovator at G.M.C, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	Cum	95.83	2484.18	238058.97
6	Water Bound Macadam with Stone Screening Gr-II : Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 KN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 2 as per Technical Specification Clause 405.	Cum	30.86	5145.71	205108.00
7	Water Bound Macadam Gr III : 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.	Cum	101.05	4954.73	500675.47
8	Prime Coat:- Providing and applying primer coat with Bitumen emulsion (SS-11) on prepared surface of granular base including clearing 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	Sqm	892.87	55.59	49634.64
9	MSS :- 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 508.	Sqm	892.87	256.99	229458.66
10	Tack Coat:- 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 hydrolic broom as per technical specification clause 503.	Sqm	5816.62	18.98	110399.45
	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 liter, 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.	Cum	123.10	13493.09	1658075.38

Approved

M/S Bhagwati Construction
Kamal Kumar
Partner

विद्युत विभाग
सरकारी लाल कामियाला
प्राकृतिक सार्वजनिक
प्रयोग परीक्षा (संस्थानिक)
23/7/19

Description of Items	District:	Samastipur		
	Unit	Cty.	Rate (Rs.)	Amount (Rs.)
Construction of dry lean cement concrete Sub-base over a prepared sub-grade with coarse and fine aggregates conforming to IS 383, the size of coarse aggregate not exceeding 25mm, aggregate cement ratio not to exceed 15:1 aggregate gradation after blending to be as per table 600-1 cement content not to be less than 150kg/cum optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing	cum	13.50	5820.48	78576.48
12 Construction of Panel concrete 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 M 30(Grade) coarse and fine aggregates conforming to IS 383, maximum size of coarse aggregate not exceeding 25mm, 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, admixture as approved, curing of concrete slabs for 14 days, Curing compound (where specified) and water finishing to lines and grade as per drawing and Technical specification Clause 1501. PCC Grade M-30 EachPanel (0.50X0.50) thickness 100 mm	cum	227.25	8559.28	2177346.38
13 Kilometre stone	No.	3.00	2992.78	8978.34
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	No.	8.00	827.20	4063.80
i) Km stone				
ii) 299 m stone				
14 Providing and fixing of retro-reflectors cautionary, mandatory and informative 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	Nos	12.00	4425.42	85106.04
600 mm equilateral & triangle	Nos	6.00	4344.14	26064.84
600 mm circular	Nos	6.00	4200.41	25202.46
600 mm x 450 mm rectangular	Nos	2.00	8645.14	17290.28
900 mm side octagon	Nos	8.00	750.53	6004.24
15 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	Nos			
16 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 yardsludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one year	Each	65.00	1190.41	77376.65
17 Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectors 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.				
i) At Edge for BT Portion	Sqm	260.00	624.67	214268.20
ii) Pedestrian Crossing(2 m in length and providing at 50 cm apart)	Sqm	18.00	624.67	14833.26
iii) At Edge for CC Portion	Sqm	120.00	631.68	111729.60

M/S Bhagwati Construction
Ramtur Khan
Partner

लालजग
संस्था १३-१४-२५
कार्यपालक अधिकारी
कार्यपालक अधिकारी
सेवा परिषद (हागडी)
३१/११/२०२४

Description of Items	District:	Samastipur		
	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
Providing and fixing of typical BMAS/SY informative sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duty welded with MS flat iron 25mm x 5mm size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm's size. The angle iron frame of the lower metal plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duty 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.B.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	No.	2.00	11492.84	22982.84
Total				
13 % GST				6161365.08
1% LABOUR CESS				1109045.71
10% SEIGNIORAGE FEE				61613.68
Total Construction Cost				68675.40
SCHEDULE B			A	7406895.84
19. 5 YEAR MAINTENANCE COST	Quantity	20	97163.55	1943279.00
Total				1943279.00
13 % GST				349790.32
1% LABOUR CESS				19432.79
10% SEIGNIORAGE FEE				4710.47
Total Maintenance Cost			B	2121727.48
Grand Total Cost (A+B)				9717972.32

A/A — 98.91 Lakh

A+B T.S — 97.18 Lakh dated 30.11.2022 Saming 29.11.2022

As per 7 CMSC left markable by — Rs 9717,972.32 say ninety seven thousand nine hundred seventy two only
 Lakh, Seven thousand Nine hundred Seventy two only



બગ્વતી કન્સ્ટ્રક્શન
લાયિન એન્ડ પ્રોજેક્શન
એંડ ઇંજિનિયરિંગ
અન્ડ પોલ એંડ્રીસ (અમદાવાદ)
દિન: 29/11/2022

સાંચા 13.4.19
 રાધીકાલક ગણિયાં
 પ્રોફેશનલ પાર્ટનરિશપ
 અન્ડ પોલ એંડ્રીસ (અમદાવાદ)
દિન: 29/11/2022

W/S Bhagwati Construction
 Kamal Ramji partner

Abstract of BOD for AHB 3054 Groups - AHB/HJ/22-23 Period / 02

Sl. No.	Road Name	Length	Construction Part (In Lakh)			Maintenance Part (In Lakh)			Grand Total				
			Congr. Cost	Labor Cost	GST	S. Fee	Total	Slab. Cost	Labor Cost	GST	S. Fee	Time	
1	Highway from Dholiaghari Road	4 (10)	1254000.70	1254000.70	112960.00	104000.00	1481960.70	107712.00	107712.00	120550.00	104000.00	2442520.00	10 days
2	PWD Road (Old Tukra) in 14 km Road	8 (16)	3111900.10	3111900.10	28276.10	258510.00	3393276.20	205211.00	205211.00	215230.00	205210.00	4849200.00	10 days
3	PWD Road in Nandani Road	1 (10)	6101161.00	6101161.00	55072.00	49000.00	6641933.00	162171.00	162171.00	174000.00	162170.00	337200.00	10 days
	Total	8.00	12542520.80	12542520.80	1129600.00	1040000.00	14819608.80	1077120.00	1077120.00	1205500.00	1040000.00	24425200.00	

Grand Total Amount for Construction Work Group No 1 & 2
 Rs. 2,64,84,908/- + 02 Potholes
 Grand Total Amount for Maintenance Work Group No 02
 Rs. 82,75,474/- + 00 Potholes

BUDGET APPROVED For

Construction. Rs. 2,64,84,908/- Crore Two

Engineering Expenses Rs. 2,64,84,908/- Crore Two

Survey Expenses Rs. 82,75,474/- Lakh

Maintenance Work Rs. 82,75,474/- Lakh

for Rs. 82,75,474/- Lakh

**M/S Bhagwati Construction
Ranuji Lawrence**

Signature

Signature

Signature

Signature