

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये
रु.1000

ONE THOUSAND RUPEES
Rs.1000



बिहार BIHAR पूर्वी चम्पारण
मोतिहारी
29 JUN 2022
क्षेत्रीय कोषागार पदाधिकारी
पूर्वी चम्पारण, मोतिहारी

Agreement Form

Agreement No. 02 SBD-2022-23 Dated:- 06.09.22
06th day of 2022,

This agreement, made the between Executive Engineer, RWD (W) Division, Chakia. of the one part, and M/S HARSHVARDHAN CONSTRUCTION (Reg.1200364), AT- BAKKI TIKAM, P.O- GULWARA MADHUBAN, DIST.- EAST CHAMPARAN-845420, Mob. No.9931011070 Whereas the Employer is desirous that the Contractor execute- Construction of Road with Maintenance from MR-N/22-23 Chakia/06 (Harihaipur Ram Babu Ke Ghar Se Alkhwani Hote Hue Ayodhya Bhagat Ke Khet Tak) tak path Nirman. Road under New Maint. Policy-2018 MR (3054) and the Employer has accepted the Bid by the Contractor for the execution and completion of such works and the remedying of any defects therein, at a Cost of Rs.17864512=00 Rupees-(One core seventy eight Lakhs sixty four thousand five hundred twelve) only.

NOW 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 Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and 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 and undertaking routine maintenance for five years.

CM
Chakia

समवेत प्रभार

कार्यपालक निरीक्षक
ग्रामीण कार्य विभाग
कार्य प्रमण्डल प्रमुख
06.09.22

1. The Employer hereby covenants to pay the Contractor in consideration of the Execution and completion of the Works and the remedying the defects wherein 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.
2. The following documents shall be deemed to form and be ready and construed as part of this Agreement viz.
 - (i) Letter of Acceptance
 - (ii) Notice to proceed with the works;
 - (iii) Contractor's Bid
 - (iv) Condition of Contract : General and Special
 - (v) Condition Data
 - (vi) Additional condition
 - (vii) Drawings
 - (viii) Bill of Quantities and
 - (ix) Any other documents listed in the Contract Data as forming part of the Contract.

In witnessed where of the parties there to 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



कार्यपालक निरीक्षक
प्राथमिक कार्य विभाग
कार्य क्र. १ मुद्रित
०६.०७.२२

महेश शर्मा

Abstract of BOQ For Package No.MR-N/22-23 Chakia/06
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	Harihaipur Ram Babu Ke Ghar Se Alkhwani Hote Hue Ayodhya Bhagat Ke Khet Tak	3.588	14419203.06	3464982.02	17884185.08
	Total	3.588	14419203.06	3464982.02	17884185.08

कार्यपालक अभियंता
 ग्रामीण कार्य विभाग
 कार्य प्रमण्डल, चकीया

B.O.Q. Approved for Construction Cost 'PART-A' Sl. No. 1 to 10
 ₹ 14419203.06 ₹ One Crores Fortyfour
 Nineteen Thousand Two hundred Eighty only
 And maintenance Cost 'PART-B' or Rs. 3464982.02
 ₹ — Crores Thirtyfour Lacs Sixtyfour Thousand
 Nine hundred Eighty Two only)

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

कार्यपालक अभियंता
 ग्रामीण कार्य विभाग
 कार्य प्रमण्डल, चकीया

नरेश
 06.09.22

Inviting Authority: CHIEF ENGINEER WORKS-I

Name of Work: Construction of Road & CD Works of :- Hariharpur Ram Babu ke ghar to Alkhwani hote hue Ayodhya thegat ke khet tak
Length - 3.888 Km., Block -Kalyanpur, District -East Champaran, UNDER MRL Construction Cost of Road - 144.192 Lacs & 5 Years
Maintenance Cost - 34.65 Lacs

Contract No: Civil Works/

Contract No: Civil Works:

Bidder Name:

Excess (+) %

(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)

SCHEDULE OF WORKS

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.	0.718	Ha	59726.130	42899.47
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	1508.960	Cum	254.040	382828.12
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	95.100	Cum	2421.310	230268.58
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)	85.520	Cum	4893.470	401385.55
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)	193.780		4542.190	880183.64
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.	2593.733	Sqm	69.090	179272.78

Approved
Superintending Engineer
Rural Works Department
Work Circle, Motihari

Signature of Tenderer with seal

[Handwritten Signature]

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमण्डल, मोटिहारी

26.09.22

40.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
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 hydric broom as per technical specification clause 503.	11874.471	Sqm	20.120	238914.38
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	2583.733	Sqm	245.300	633769.70
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.	232.270	Cum	13291.830	3087293.35
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 0.20m 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.	587.810	Cum	8048.180	5534243.07
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. i) Km stone	4.000	No.	2891.050	11564.20
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	14.000	No.	810.130	11342.10
13.00	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 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 a) 600 mm equilateral & triangle.	18.000	Nos	4219.740	67515.64

Approved
Superintending Engineer
Rural Works Department
Works Circle, Mohan

Signature of Tenderer with seal

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमण्डल, चुकिया

06.09.22

	Description of work	No. of Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
14.00	Providing and fixing of retro-reflectorised 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 ii) 600 mm circular	4.000	Nos	5494.330	21937.32
15.00	Providing and fixing of retro-reflectorised 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 iii) 600 mm x 450 mm rectangular,	6.000	Nos	5354.860	32129.26
16.00	Reinforced cement concrete M15 grade boundary pillars/local stone of standard design as per IRC 25, fixed in position including finishing and lottering but excluding painting as per drawing and Technical Specification Clause 1701	64.000	Nos	514.170	33165.68
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	123.000	Each	1079.330	132757.59
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	480.600	Sqm	823.740	404125.64
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 50 cm apart)	8.000	Sqm	823.740	6589.92

Approved

Superintending Engineer
Rural Works Department
Works Circle, Mohan

Signature of Tenderer with seal

	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	227.500	Sqm	918.810	208115.87
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	3.000	No.	12663.970	37991.91
22.00	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 800, 900 and 1208.4 Brick Masonry in c.m. (1:3) in parapet	8.640	Cum	6515.750	56296.08
23.00	Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 813.4 & 1204 Plastering with cement mortar (1:4)	80.640	sqm	204.600	16496.94
24.00	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	80.640	sqm	114.730	9251.83
25.00	1% Labour Cess	1.000	No	126337.195	126337.20
26.00	12% GST	1.000	No	1516046.342	1516046.34
27.00	Add 10% Seigniorage Fee	1.000	No	143100.000	143100.00
Total Construction Cost :					14419203.06
28.00	Maintenance for 1st year	1.000	Year	111585.00	111585.00
29.00	Maintenance for 2nd year	1.000	Year	271623.00	271623.00
30.00	Maintenance for 3rd year	1.000	Year	1111193.00	1111193.00
31.00	Maintenance for 4th year	1.000	Year	356936.00	356936.00
32.00	Maintenance for 5th year	1.000	Year	1210417.00	1210417.00
33.00	1% Labour Cess	1.000	No	30817.54	30817.54
34.00	12% GST	1.000	No	367410.48	367410.48
35.00	Add 10% seigniorage Fee	1.000	No	5200.00	5200.00
Five Year Maintenance Cost :					3464982.02
Total Estimated Cost in Figures					17884185.08
Say Amount					17,884,185.00
Quoted Rate in Words					

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकिया

Signature of the Engineer

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकिया

Superintending Engineer
Rural Works Department
Works Circle, Molihari