



बिहार BIHAR

3146
21/07/2022
श्री भूषण शर्मा
BA 567758

03 APR 2025

श्री भूषण शर्मा
कर्मचारी

Signature of Shri Bhushan Sharma
Vendor Triveniganj
No 31(Kh.193)

Previous Agreement Amount Rs- 4,85,97,564.00
Supplementary Agreement Amount Rs-29,89,869.00
Total Rs:- 5,15,87,433.00

Date of commencement:-20.09.2024
Date of completion :-19.06.2025

Agreement

Supplementary Agreement :- 06/MBD/ MR-3054/2022-23

This agreement, made theday of
Between Rural Works Department (Govt. of Bihar) Works Division Triveniganj (hereinafter called " the Employer") of the one part, Bishnu Shankar Ojha, At+Po- Bashisht Puri, New Police Line, Ara, Bhojpur, (Bihar), Pin code-802301. (Registration No.- 1180016, Class-I/RWD) (hereinafter called "the contractor" of the other part) Whereas the employer is desirous that the Contractor execute the construction and maintenance of road from Package No- MR-N/23-24- TRIVENIGANJ/07. (Name of Road- 1. Chhatapur Bus Stand to bhatabari road 2. Pradhanmantri Baluaa Udhampur Hanuman Chowk Jiwachhpur Sima to NH 57 Ex Sarpanch Shivan Yadav Ke Ghar. 3. Anant Chowk to Bhatabari. (4) Madhopur Sima to Khan Tola hariharpur. (5) HO lalan Sharma to Sharma Tola. (6) NH-57 to Madhubani Madarsa. (7) NH-57 Mahadalit tola to Yadav Tola.) (hereinafter called "the Works") and the employer has accepted the Bid by the Contractor for the execution and completion of such Works and the Routine maintenance of the work for 5 years of the contract price and remedying of any defects therein at a cost of Rupees (17.99% below) Rs- 29,89,869.00 (Rupees- Twenty Nine Lakh Eighty Nine Thousand Eight Hundred Sixty Nine Only.)

Executive Engineer
R.W.D. (W) Division, Triveniganj

Bishnu Shankar Ojha

NOW THIS AGREEMENT WITNESSETH and the parties here to agree as follows :-

1. In this Agreement, works and expressions shall have the meanings as are respectively assigned to them in the General condition here in after to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payment to be made by the employer to the contractor as here in after 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 remedying the defect wherein the contract price of such 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 & construed as part of this Agreement, viz:
 - (1) Letter of Acceptance
 - (2) Contractor's Bid
 - (3) Section- VI- General Condition
 - (4) Section-VII- Particular Conditions
 - (5) Section -V- Technical Specification(General and Supplementary Technical Specifications)
 - (6) Appendix A- Drawings
 - (7) Section-IV- works Schedule
 - (8) Quality plan for output and performance based road contract as per Clause A14.I of the Technical Specification
 - (9) Appendices to the Contract
 - (10) Addenda issued during bid period
 - (11) Any other relevant documents listed in the Particular Conditions together with any post bid correspondence.

In witness 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 here unto affixed in the presence of:

Signed, Seal and delivered by the said

In the presence of:

Binding Signature of E/I

Binding Signature of Contractor

[Handwritten Signature]

[Handwritten Signature]
Executive Engineer
R.W.D. (W) Division, Triveniganj.
[Handwritten Signature]
9/5/25

BIHAR RURAL ROAD DEVELOPMENT AGENCY (BRRDA)

MR-3054

BILL OF QUANTITIES (BOQ)

Name of Road :-

Construction Of Road From Chhatapur Bus Stand To Bhatta Bar Road With Five Years Maintenance

Block :-

Chhatapur

Length :-

1.700 km

District :-

Supaul

Division :-

Triveniganj

Sl. No.

SCHEDULE A

Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1	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 lead 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	0.34	76926.08	26,154.867
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	2380.00	264.51	6,29,533.80
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	94.40	3035.84	2,86,578.57
4	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	143.59	6157.16	8,84,099.71
5	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.	Sqm	1398.21	55.17	77,139.313
6	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 hydriloc broom as per technical specification clause 503.	Sqm	4125.00	19.43	80,148.750
7	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.	Cum	103.13	15204.36	15,68,025.65

B. S. S. S.

Executive Engineer
Road Works Department
Triveniganj

8	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	Cum	472.50	9946.27	46,99,612.58
	Kilometre stone				
9	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	i) 5th km stone	No.	0.00	6289.92	0.000
ii	ii) Km stone	No.	3.00	3229.55	9,688.650
iii	iii) 200 m stone	No.	7.00	866.66	6,066.620
10	Retro-reflectorised Traffic Signs Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium sheeting, 2 mm thick with area exceeding 0.9 sqm supported on mild steel angle iron posts 75 mm x 75 mm x 6 mm, 2 Nos. firmly fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per approved drawing and Technical Specification Clause 1701.	Sqm	3.84	15069.76	57,867.878
11	Providing and fixing of road stud 100 x 100 mm die cast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling holes 30 mm upto a depth of 600 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS:873 (Part 4) 1973.	Each	48.00	263.96	12,670.080
12	Supplying and installation of delineators (Road way indicators, hazard markers, object markers), 80-100 cm high above ground level, painted black and white in 15 cm wide strips, fitted with 80 x 100 mm rectangular or 75 mm dia circular reflectorised panels at the top, buried or pressed into the ground and conforming to IRC- 79 and the drawings.	Each	80.00	830.03	66,402.400
13	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				
	600 mm equilateral & triangle	Nos	2.00	4529.79	9,059.580
	600 mm circular	Nos	4.00	4441.65	17,766.600
	600 mm x 450 mm rectangular	Nos	4.00	4297.92	17,191.680
	900 mm side octagon	Nos	4.00	8742.65	34,970.600
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	32.00	700.57	22,418.240

Prashant Shoukerga

Executive Engineer
Roads Division, Triveniganj

15	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	308.00	0.77	237.160
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 yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one year	Each	55.00	1262.58	69,441.900
17	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.				
i	At Edge For BT Portion	Sqm	220.00	886.50	1,95,030.00
ii	At Edge For Old CC Portion	Sqm	120.00	995.20	1,19,424.00
18	Providing and fixing of typical MNGSY 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	No.	4.00	11941.25	47,765.000
Cross Drainage Works/Protection/Repair					
18	Painting on Parapet Wall (Black & White Strips) Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	Sqm	297.92	137.55	40,978.896
19	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	sqm	211.52	238.69	50,487.709
20	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	cum	7.68	6933.54	53,249.587
Total					90,82,009.81
18 % GST					16,70,286.75
1% LABOUR CESS					90,820.098
Seigniorage Fee					1,06,540.91
Total Construction Cost					1,09,49,657.57
SCHEDULE B					
21	5 YEAR MAINTENANCE COST	Quarterly	20.00	65677.10	13,13,542.00
Total					13,13,542.00
18 % GST					2,39,317.38
1% LABOUR CESS					13,135.420
Seigniorage Fee					2,863.556
Total Maintenance Cost					15,68,858.35
Grand Total Cost (A+B)					1,25,18,515.92

Construction cost - Rs. - 10949657 = 57
 5 year maintenance cost - Rs. - 1568858 = 35
 say 12518515 = 92
 Less as per agreement (-) 17-99/- - 2252081 = 2
 Total - 10266435 = 00

Revised BOB approved amount for Rs. - 10266435 = 00 (One crore two lac sixty six thousand four hundred thirty five) only.

Superintending Engineer
 Rural Work Department
 Work Circle Madhopura

Executive Engineer
 RD, Work Division, Triveniganj

Executive Engineer
 Rural Works Department
 Division, Triveniganj