



1682/1-29/8/23 पंकज 38 पवन 14 वडी वरिणग बिना - य चे डिमिडि,
बिहार BIHAR

OFFICE OF THE EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT, WORKS DIVISION, LAKHISARAI

AU 008383

rabhat K. Khendia
Stamp Sender

AGREEMENT NO:- 25/MBD/2023-24

This agreement, made the 31 August Day of 2023 between Executive Engineer, Rural Works Department, Lakhisarai, Govt. of Bihar Patna and Sri Pankaj Kumar Pawan, C/o- Sri Shyam Dev Prasad, Munger Road near Dariyapur Charch, PO.- Jamalpur, Dist.- Munger.

Whereas the Employer is desirous that the Contractor execute output and performance based Rural Road Contract of the maintenance of road from MR-N/21-22/Lakhisarai/05 Package Under of Block in Ramgarh chowk, Under M/R in Lakhisarai District 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 Construction Rs. 1,52,90,759.00 (One Crore Fifty Two Lakh Ninety Thousand Seven Hundred Fifty Nine) only & five year Maintenance cost Rs. 21,15,026 (Twenty One Lakh Fifteen Thousand Twenty Six) only.

| Sl. No. | Name of Road | Const. Cost | Maintenance cost | Agreement Value |
|---------|----------------------------------------------------------------------------------------------------------|-------------|------------------|-----------------|
| 1 | Lakhisarai Sheikhpura Path se Garsanda more se shivnagar Gram | 21.74393 | 6.53818 | 28.28211 |
| 2 | Lakhisarai Sikandra Path se Ramgarh Gapon hute huye Aazad Nagar Mushari hote huye Ramgarh Thana more tak | 131.16366 | 14.61208 | 145.77574 |
| Total | | 152.90759 | 21.15026 | 174.05785 |

Total Cost Rs. 1,74,05,785.00 (One Crore Seventy Four Lakh Five Thousand Seven Hundred Eighty Five) only.

A. He has deposited Performance Security Deposit and Additional Performance Guarantee vide FD No. Rs.

140091123819/1 - 3,10,000/-

140091123992/1 - 10,00,000/-

Pankaj Kumar Pawan.

31/8/23

Executive Engineer
Rural Work, Department
Work, Div, Lakhisarai

OFFICE OF THE EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT, WORKS DIVISION, LAKHISARAI

AGREEMENT NO:- 25/MBD/2023-24

NAME OF WORK:- MR-N/21-22/Lakhisarai/05 Package Under of Block in
Ramgarh chowk, Under M/R in Lakhisarai District.

NAME OF AGENCY:-

Sri Pankaj Kumar Pawan,
C/o- Sri Shyam Dev Prasad,
Munger Road near Daryapur Church,
PO.- Jamalpur, Dist.- Munger.

Reference :-

Chief Engineer-2,
R.W.D, Bihar, Patna
Vide Letter No. 2574 . Date :- 18.08.2023

AGREEMENT AMOUNT - Main work:- 1,52,90,759.00

Maintenance work:- 21,15,026.00

Total Amount:- 1,74,05,785.00

Performance Security :- Deposited @ 5 % & Next 5 % deducted from Bill
Date of Completion :- 31 August 2023
Date of Agreement :- 30 May 2024
No. of Item of Work :- As per B.O.Q (Nos)
Rate Quoted :- 10.00 % below (One zero Point zero zero percent below)

Pankaj Kumar Pawan
Contractor Signature

Pankaj Kumar Pawan
31/8/23

31/8/23
Executive Engineer
Rural Works Department
Munger, Dist. Lakhisarai

OFFICE OF THE EXECUTIVE ENGINEER
RURALWORKS DEPARTMENT, WORKS DIVISION, LAKHISARAI

AGREEMENT NO:- 25/MBD/2023-24

NAME OF WORK:- MR-N/21-22/Lakhisarai/05 Package Under of Block in
Rangarh chowk, Under M/R in Lakhisarai District.

NAME OF AGENCY:- Sri Pankaj Kumar Pawan,
C/o- Sri Shyam Dev Prasad,
Munger Road near Dariyapur Charch,
PO.- Jamalpur, Dist.- Munger.

Reference :- Chief Engineer-2,
R.W.D, Bihar, Patna
Vide Letter No. 2574 . Date :- 18.08.2023

AGREEMENT AMOUNT – Main work:- 1,52,90,759.00
Maintenance work:- 21,15,026.00
Total Amount:- 1,74,05,785.00

Performance Security :- Deposited @ 5 % & Next 5 % deducted from Bill
Date of Completion :- 31 August 2023
Date of Agreement :- 30 May 2024
No. of Item of Work :- As per B.O.Q (Nos)
Rate Quoted :- 10.00 % below (One zero Point zero zero percent below)

Pankaj Kumar Pawan
Contractor Signature

Pankaj
31/8/23

A82
Executive Engineer
Rural Works Department
Work, Div, Lakhisarai

A82
31/8/23

Tender Inviting Authority: Engg-In Chief RWD Patna

VALIDATE

Name of Work: Construction of Road & CD Works for Lakhisarai Sitandra Path Se Ramgarh Gaon Hute Huye Anzad Nagar Mushari

PRINT

Contract No: Civil Works/

HELP

| Bidder Name: | | | | Excess (+) | | % |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|----------------|----------------------------------------------------------------------------------|-----------------|
| SCHEDULE OF WORKS | | | | | | |
| Sl. No. | Description of work | No. or Qty. | Unit | Estimated Rate | | AMOUNT Rs. P |
| | | | | Figure | Words | |
| 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 | 0.76 | Hect | 72697.86 | Rupees Seventy Two Thousand Six Hundred & Ninety Seven and Paise Eighty Six Only | 55250.37 |
| 2 | Construction of Subgrade and Earthen Shoulders :- 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. | 855.00 | Cum | 257.69 | Rupees Two Hundred & Fifty Seven and Paise Sixty Nine Only | 220324.95 |
| 3 | Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross-sections, and transporting to the embankment location with a lift upto 1.5 m and lead upto 1000 m as per Technical Specification Clause 302.3 | 184.69 | Cum | 103.85 | Rupees One Hundred & Three and Paise Eighty Five Only | 19180.06 |
| 4 | Granular Sub-base with Well Graded Material (Table 400.1) :- 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. | 57.38 | Cum | 1617.76 | Rupees One Thousand Six Hundred & Seventeen and Paise Seventy Six Only | 92827.07 |
| 5 | WBM Grading 3 :- 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 3 as per Technical Specification Clause 405. | 689.91 | Cum | 1975.25 | Rupees One Thousand Nine Hundred & Seventy Five and Paise Twenty Five Only | 1362744.73 |
| 6 | Dry Lean Cement Concrete :- 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 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. (PCC M -15) | 31.64 | Cum | 5861.67 | Rupees Five Thousand Eight Hundred & Sixty One and Paise Sixty Seven Only | 185463.24 |

Signature of Tenderer with seal

31/9/23
Executive Engineer
Rural Work, Department
Work, Div. Lakhisarai

| | | | | | | | |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------|----------------|-----------------------------------------------------------------------------|------------|------|
| Bidder Name: | | | | Excess (+) | | % | HELP |
| Sl. No. | Description of work | SCHEDULE OF WORKS | | Estimated Rate | | AMOUNT | |
| | | No. or Qty. | Unit | Figure | Words | Rs. P | |
| 7 | Cement Concrete Pavement :- 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 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. | 1162.80 | Cum | 7369.62 | Rupees Seven Thousand Three Hundred & Sixty Nine and Paise Sixty Two Only | 8569394.14 | |
| 8 | 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. Km stone | 3.00 | Each | 2641.40 | Rupees Two Thousand Six Hundred & Forty One and Paise Forty Only | 7924.20 | |
| 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. 200 m stone | 8.00 | Each | 778.07 | Rupees Seven Hundred & Seventy Eight and Paise Seven Only | 6224.56 | |
| 10 | Direction and Place Identification signs with size more than 0.9 sqm size board :- 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. | 1.92 | Sqm | 12567.30 | Rupees Twelve Thousand Five Hundred & Sixty Seven and Paise Thirty Only | 24129.22 | |
| 11 | 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) | 7.00 | Each | 3567.58 | Rupees Three Thousand Five Hundred & Sixty Seven and Paise Fifty Eight Only | 24973.06 | |

Pankaj Kumar Purohit

Signature of Tenderer with seal

31/8/23

Executive Engineer
 Rural Work, Department
 Work, Div, Lakhisarai

Name of Work: Construction of Road & CD Works for Lakhisarai Sikandra Path Se Ramgarh Gaon Hute Huye Aazad Nagar Mushari Hote H

PRINT

Contract No: Civil Works/

HELP

| Bidder Name: | | | | Excess (+) | | | % |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|----------------|------------------------------------------------------------------------------|-----------------|---|
| SCHEDULE OF WORKS | | | | | | | |
| Sl. No. | Description of work | No. or Qty. | Unit | Estimated Rate | | AMOUNT Rs. P | |
| | | | | Figure | Words | | |
| 12 | 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 circular) | 5.00 | Each | 3738.07 | Rupees Three Thousand Seven Hundred & Thirty Eight and Paise Seven Only | 18690.35 | |
| 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 x 450 mm rectangular) | 1.00 | Each | 3613.73 | Rupees Three Thousand Six Hundred & Thirteen and Paise Seventy Three Only | 3613.73 | |
| 14 | 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 (900 mm octagon stop board) | 1.00 | Each | 7458.79 | Rupees Seven Thousand Four Hundred & Fifty Eight and Paise Seventy Nine Only | 7458.79 | |
| 15 | Boundary Pillar/Guard Post :- 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 | 32.00 | Each | 686.82 | Rupees Six Hundred & Eighty Six and Paise Eighty Two Only | 21978.24 | |
| 16 | Printing New Letters and Figures of any Shade :- 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 | 352.00 | height per | 0.72 | Rupees and Paise Seventy Two Only | 253.44 | |
| 17 | Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Concrete Surface :- 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. | 380.00 | Sqm | 888.96 | Rupees Eight Hundred & Eighty Eight and Paise Ninety Six Only | 337804.80 | |

Signature of Tenderer with seal

Executive Engineer
Rural Work, Department
Work, Div, Lakhisarai

Tender Inviting Authority: Engg-In Chief RWD Patna

VALIDATE

Name of Work: Construction of Road & CD Works for Lakhisarai Sikandra Path Se Ramgarh Gaon Hute Huye Azad Nagar Mushari
Core tak In Ramghar Chowk Block Unde M/R (3054)

PRINT

Contract No: Civil Works/

HELP

| Bidder Name: | | | | Excess (+) | | | % |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|----------------|---------------------------------------------------------------------------|-----------------|---|
| SCHEDULE OF WORKS | | | | | | | |
| Sl. No. | Description of work | No. or Qty. | Unit | Estimated Rate | | AMOUNT Rs. P | |
| | | | | Figure | Words | | |
| 18 | (I) Providing and Fixing 'Logo' of Maintenance Project :- Providing and fixing of typical 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 | 3.00 | Each | 11144.31 | Rupees Eleven Thousand One Hundred & Forty Four and Paise Thirty One Only | 33432.93 | |
| 19 | 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. | 182.98 | Cum | 383.28 | Rupees Three Hundred & Eighty Three and Paise Twenty Eight Only | 70132.57 | |
| 20 | Providing M15 (PCC 1:2.5:5) as levelling course in foundation :- Providing PCC M 15 (1:2.5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 | 30.15 | Cum | 5861.67 | Rupees Five Thousand Eight Hundred & Sixty One and Paise Sixty Seven Only | 176729.35 | |
| 21 | Brick Masonary work in cm 1:4 in head wall complete as per drawing and technical specification clause 1109 in cement mortar 1:4 | 36.42 | Cum | 6305.04 | Rupees Six Thousand Three Hundred & Five and Paise Four Only | 229629.56 | |
| 22 | Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling concrete and masonry works in head walls and parapets as per clause 1106 (600 mm Dia) | 22.50 | RM | 2140.21 | Rupees Two Thousand One Hundred & Forty and Paise Twenty One Only | 48154.76 | |
| 23 | Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications | 99.60 | Sqm | 182.01 | Rupees One Hundred & Eighty Two and Paise One Only | 18128.20 | |
| 24 | Providing 1.5 mm cement punning including curing carriage of water with all leads and lifts as per building specification and direction of E/I | 24.48 | Sqm | 63.89 | Rupees Sixty Three and Paise Eighty Nine Only | 1564.03 | |
| 25 | Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108. | 16.00 | Cum | 563.71 | Rupees Five Hundred & Sixty Three and Paise Seventy One Only | 9019.36 | |
| 26 | Plain/Reinforced cement concrete (PCCM-20) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 | 60.00 | Cum | 6862.03 | Rupees Six Thousand Eight Hundred & Sixty Two and Paise Three Only | 411721.80 | |
| 27 | RCC M25 In Deck Slab :- Providing and laying reinforced cement concrete in superstructure (Deck slab M25) as per drawing and technical specifications Clauses 800, 1205.4, 1205.5 | 12.00 | Cum | 7617.85 | Rupees Seven Thousand Six Hundred & Seventeen and Paise Eighty Five Only | 91414.20 | |

Signature of Tenderer with seal

Executive Engineer
Rural Work, Department
Work, Div. Lakhisarai

Tender Inviting Authority: Engg-in Chief RWD Patna

VALIDATE

PRINT

Name of Work: Construction of Road & CD Works for Lakhisarai Sikandra Path Se Ramgarh Gaon Hute Huye Aazad Nagar Mushari Road
More tak In Ramghar Chowk Block Unde M/R (3054)

HELP

Contract No: Civil Works/

Bidder Name: Excess (+) %

| Sl. No. | Description of work | No. or Qty. | Unit | Estimated Rate | | AMOUNT Rs. P |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------|----------------|-------------------------------------------------------------------------------------|-----------------|
| | | | | Figure | Words | |
| 28 | Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications | 1.00 | MT | 77921.87 | Rupees Seventy Seven Thousand Nine Hundred & Twenty One and Paise Eighty Seven Only | 77921.87 |
| Cost of Construction :- | | | | | | 12126083.56 |
| Add 18% GST | | | | | | 2182695.04 |
| Add 1% Labour Cess | | | | | | 121260.84 |
| Seigniorage Fee | | | | | | 143701.00 |
| Total Cost of Construction :- | | | | | | 14573740.43 |
| 29 | Five Year Maintenance | 20.000 | Quarterly | 68175.30 | Rupees Sixty Eight Thousand One Hundred & Seventy Five and Paise Thirty Only | 1363506.00 |
| Cost of Maintenance :- | | | | | | 1363506.00 |
| Add 18% GST | | | | | | 245431.08 |
| Add 1% Labour Cess | | | | | | 13635.06 |
| Seigniorage Fee | | | | | | 992.00 |
| Total Cost of Maintenance :- | | | | | | 1623564.14 |
| Total Cost of Project Including Five Year Maintenance :- | | | | | | 16197304.57 |
| Quoted Rate in Words | | Rupees One Crore Sixty One Lakh Ninety Seven Thousand Three Hundred & Four and Paise Fifty Seven Only | | | | |

Pratik Kumar Puro.

Signature of Tenderer with seal

31/8/23

Executive Engineer
Rural Work Department
Work, Div, Lakhisarai

31/8/23



| Sl. No. | Description of work | No. or Qty. | | Unit | Estimated Rate | | AMOUNT Rs. P |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--|------|----------------|----------------------------------------------------------------------------------|-----------------|
| | | | | | Figure | Words | |
| 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 | 0.21 | | Hect | 72697.86 | Rupees Seventy Two Thousand Six Hundred & Ninety Seven and Paise Eighty Six Only | 15266.55 |
| 2 | Construction of Subgrade and Earthen Shoulders :- 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. | 343.20 | | Cum | 257.69 | Rupees Two Hundred & Fifty Seven and Paise Sixty Nine Only | 88439.21 |
| 3 | Granular Sub-base with Well Graded Material (Table 400.1) :- 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. | 77.92 | | Cum | 1464.23 | Rupees One Thousand Four Hundred & Sixty Four and Paise Twenty Three Only | 114092.80 |
| 4 | WBM Grading 2 :- 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. | 44.06 | | Cum | 2669.15 | Rupees Two Thousand Six Hundred & Sixty Nine and Paise Fifteen Only | 117602.75 |
| 5 | WBM Grading 3 :- 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 3 as per Technical Specification Clause 405. | 84.91 | | Cum | 2122.90 | Rupees Two Thousand One Hundred & Twenty Two and Paise Ninety Only | 180255.44 |
| 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/sqm using mechanical means as per Technical Specification Clause 502. | 1132.13 | | Sqm | 60.51 | Rupees Sixty and Paise Fifty One Only | 68505.19 |
| 7 | Patch work over WBM using Mix seal surface for bituminous and Existing CC Pavement :- 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. | 1132.13 | | Sqm | 282.25 | Rupees Two Hundred & Eighty Two and Paise Twenty Five Only | 319543.69 |

Signature of Tenderer with seal

Pradeep Kumar Purohit

31/8/23

Executive Engineer
Rural Work, Department
Work, Div. Lakhisarai

Tender Inviting Authority: Engg-In Chief RWD Patna

VALIDATE

PRINT

HELP

Name of Work: Construction of Road & CD Works for Lakhisarai - Sheikhpura Path Se Garisanda More Se Shivanagar Gram

Showk Block Under M/R (3054)

Contract No: Civil Works/

| Bidder Name: | | | | Excess (+) | | | % |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|----------------|------------------------------------------------------------------------------|-----------------|---|
| SCHEDULE OF WORKS | | | | | | | |
| Sl. No. | Description of work | No. or Qty. | Unit | Estimated Rate | | AMOUNT Rs. P | |
| | | | | Figure | Words | | |
| 8 | Tack Coat :- Providing and applying tack coat with bitumea emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface tretaed with Primer and clenod with hydrioc broom as per technical specification aclouse 503. | 3121.13 | Sqm | 20.75 | Rupees Twenty and Paise Seventy Five Only | 64763.45 | |
| 9 | Semi-Dense Bituminous Concrete :- 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. | 49.73 | Cum. | 13680.97 | Rupees Thirteen Thousand Six Hundred & Eighty and Paise Ninety Seven Only | 680354.64 | |
| 10 | Reinforced cement concrete M15 grade kilometre local stone of standard design asper IRC:8 fixing in position including painting and printing , etc as per drawing and technical specification clause 1703. Km stone | 2.00 | Each | 2683.63 | Rupees Two Thousand Six Hundred & Eighty Three and Paise Sixty Three Only | 5367.26 | |
| 11 | Reinforced cement concrete M15 grade kilometre local stone of standard design asper IRC:8 fixing in position including painting and printing , etc as per drawing and technical specification clause 1703. 200 m stone | 4.00 | Each | 785.58 | Rupees Seven Hundred & Eighty Five and Paise Fifty Eight Only | 3142.32 | |
| 12 | Direction and Place Identification signs with size more than 0.9 sqm size board :- Retro-reflectorised Traffic SignsProviding 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 | 1.92 | Sqm | 12593.65 | Rupees Twelve Thousand Five Hundred & Ninety Three and Paise Sixty Five Only | 24179.81 | |
| 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) | 4.00 | Each | 3587.34 | Rupees Three Thousand Five Hundred & Eighty Seven and Paise Thirty Four Only | 14349.36 | |

Pankaj Kumar Pandey

Signature of Tenderer with seal

Executive Engineer
Rural Work, Department
Work, Div, Lakhisarai

me of Work: Construction of Road & CD Works for Lakhisarai - Sheikhpura Path Se Garsanda More Se Shivanagar Gram
owk Block Unde M/R (3054)

Contract No: Civil Works/

| Sl. No. | Description of work | No. or Qty. | Unit | Estimated Rate | | AMOUNT Rs. P |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|----------------|-------------------------------------------------------------------------------|-----------------|
| | | | | Figure | Words | |
| 14 | 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 circular) | 8.00 | Each | 3757.83 | Rupees Three Thousand Seven Hundred & Fifty Seven and Paise Eighty Three Only | 30062.64 |
| 15 | 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 x 450 mm rectangular) | 4.00 | Each | 3639.49 | Rupees Three Thousand Six Hundred & Thirty Three and Paise Forty Nine Only | 14533.96 |
| 16 | Boundary Pillar/Guard Post :- 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 | 8.00 | Each | 690.26 | Rupees Six Hundred & Ninety and Paise Twenty Six Only | 5522.08 |
| 17 | Printing New Letters and Figures of any Shade :- 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 | 352.00 | height pe | 0.72 | Rupees and Paise Seventy Two Only | 253.44 |
| 18 | Planting of Trees and their Maintenance for one Year :- 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 | 26.00 | Each | 1231.74 | Rupees One Thousand Two Hundred & Thirty One and Paise Seventy Four Only | 32025.24 |
| 19 | Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface :- 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. | 104.00 | Sqm | 783.78 | Rupees Seven Hundred & Eighty Three and Paise Seventy Eight Only | 81513.12 |

Pankaj Kumar Paudyal

Signature of Tenderer with seal

37/8/23

Executive Engineer
Rural Work, Department
Work, Div, Lakhisarai

VALIDATE

PRINT

Tender Inviting Authority: Engg-In Chief RWD Patna

Name of Work: Construction of Road & CD Works for Lakhisarai - Sheikhpura Path Se Garasanda More Se Shivanagar Gram
Bhok Block Unde M/R (3054)

Contract No: Civil Works/

HELP

| Sl. No. | Description of work | SCHEDULE OF WORKS | | | Estimated Rate | AMOUNT Rs. P |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|----------|-------------------------------------------------------------------------------|-----------------|
| | | No. or Qty. | Unit | Figure | Words | |
| 20 | (1) Providing and Fixing 'Logo' of Maintenance Project :- Providing and fixing of typical 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 | 3.00 | Each | 11183.03 | Rupees Eleven Thousand One Hundred & Eighty Three and Paise Eighty Three Only | 33551.49 |
| 21 | 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. | 15.66 | Cum | 383.28 | Rupees Three Hundred & Eighty Three and Paise Twenty Eight Only | 6002.16 |
| 22 | Providing M15 (PCC 1:2 5:5) as levelling course in foundation :- Providing PCC M 15 (1:2 5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 | 2.05 | Cum | 6018.49 | Rupees Six Thousand & Eighteen and Paise Forty Nine Only | 12337.90 |
| 23 | Brick Masonry work in cm 1:4 in head wall complete as per drawing and technical specification clause 1109 in cement mortar 1:4 | 12.14 | Cum | 6317.87 | Rupees Six Thousand Three Hundred & Seventeen and Paise Eighty Seven Only | 76658.94 |
| 24 | Providing and laying RCC pipe Mr-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling concrete and masonry works in head walls and parapets as per clause 1106 (600 mm Dia) | 7.50 | RM | 2155.87 | Rupees Two Thousand One Hundred & Fifty Five and Paise Eighty Seven Only | 16169.03 |
| 25 | Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications | 33.20 | Sqm | 183.30 | Rupees One Hundred & Eighty Three and Paise Thirty Only | 6085.56 |
| 26 | Providing 1.5 mm cement punning including curing carriage of water with all leads and lifts as per building specification and direction of E/I | 0.16 | Sqm | 63.89 | Rupees Sixty Three and Paise Eighty Nine Only | 521.34 |
| Cost of Construction :- | | | | | | 2011139.37 |
| Add 18% GST | | | | | | 362005.09 |
| Add 1% Labour Cess | | | | | | 20111.39 |
| Seigniorage Fee | | | | | | 22737.00 |
| Total Cost of Construction :- | | | | | | 2415992.85 |
| Cost of Maintenance :- | | | | | | 606760.00 |
| 27 | Five Year Maintenance | 20.000 | Quarterly | 30338.00 | Rupees Thirty Thousand Three Hundred & Thirty Eight Only | 606760.00 |

Signature of Tenderer with seal

Rudraj Kumar Passa

21/8/19

Executive Engineer
Rural Work, Department
Work. Div. Lakhisarai
21/8/19

Tender Inviting Authority: Engr. In Chief RWD Patna

Name of Work: Construction of Road & CD Works for Lahliatal - Sheikhpura Path Se Garsanda More Se Silvagar Gram
Work Block Unde M/R (3054)

Contract No: Civil Works/

VALIDATE

PRINT

HELP

Bidder Name: Excess (+) %

SCHEDULE OF WORKS

Description of work No. or Unit Figure Words Estimated Rate

Add 18% GST 109216.80

Add 1% Labour Cess 6067.60

Seigniorage Fee 4420.00

Total Cost of Maintenance :- 726464.40

Total Cost of Project Including Five Year Maintenance :- 3142457.25

Quoted Rate in Words Rupees Thirty One Lakh Forty Two Thousand Four Hundred & Fifty Seven and Paise Twenty Five Only

Signature of Tenderer with seal

Poojod Kumar Das

31/8/23

Executive Engineer
Rural Work, Department
Work, Div. Lahliatal
31/8/23

Govt. of Bihar
Rural Works Department
Office of the Executive Engineer, Rural Works Department,
Works Division Lakhisarai

(बिहार ग्रामीण पथ अगुवण नीति, 2010)

Notice Inviting Tender for Rural Roads Maintenance based on Output and performance based Contract through e-procurement made on Model Bidding Document (MDD).

(Notice Inviting No. - Rr-Tender-MR-3054-13/2023-23)

Executive Engineer, Rural Works Department, Works Division Lakhisarai

30.12.2023

From 24.01.2023 (9.00) to 31.01.2023 up to 15.00 hrs. From

website-<http://mndtsrmlbhb.gov.in>

Date 20.01.2023, time 15.00 hrs

Place O/o Concerned Superintending Engineer

Date 31.01.2023 up to 15.00 hrs.

<http://mndtsrmlbhb.gov.in>

Date 31.01.2023 up Time: 15.30 hrs.

Till 15.00 hrs on 31.01.2023

Place: O/o concerned

(i) Executive Engineer

Or

(ii) Superintending Engineer

Or

(iii) Chief Engineer

1. Designation and Address of the Advertiser
2. Date of Issue of Notice Inviting Tender
3. Period for downloading of Tender documents

4. Date, Time & Place of Pre-Bid Meeting

5. Last Date & Time for uploading tender Document by bidder

6. Date, time for online opening of Technical bid

7. Last date, time and place for submission of Original instrument of EMD, Cost of BOQ and Affidavit regarding correctness of Information provided with bid document

8. The Engineer in chief, Rural Works Department on behalf of Government of Bihar invites bids from the eligible bidders for the work detailed below.

Project Scope & Duration:

- I. To undertake, Initial Rectification Works including surface renewal and Ordinary Maintenance for a period of 5 years after completion of initial rectification works including surface renewal Works on selected roads as described in para 9.
- II. The Initial Rectification may include improvement and pavement strengthening and widening work, road safety measures and tree plantation in flanks as per contract document. The initial rectification including surface renewal of works will be done in such a way that after rectification it complies all technical standards and safety measures to bring the road under prescribed service level. The time of completion for initial rectification works including surface renewal shall be 09 months from the date of issue of LOA.
- III. After completion of initial rectification with surface renewal the selected roads will be maintained for next five years to comply the prescribed service level, to maintain road for traffic worthy. The ordinary maintenance work will also include cross drainage works, minor works on bridges and road maintenance within road side maintenance within selected roads.
- IV. The Ordinary Maintenance works will be carried out under performance based road maintenance on a lump sum basis paid Quarterly.
- V. Initial Rectification Works including surface renewal will be paid on measured quantity to the value of contract.
- VI. There is a requirement for specialized maintenance equipment and the contract obligation is for continuous input over the contract period i.e. initial rectification including surface renewal and ordinary maintenance period.
- VII. To undertake emergent repair due to natural calamities like flood, earthquake, etc.
- VIII. Bidders are strongly encouraged to download the bidding documents prior to the pre-bid meeting in order for bidders to have a good understanding of the scope of work under this contract for discussion and clarification at the pre-bid meeting. Bidders are also advised to visit each road, be acquainted with the physical condition of road, satisfy themselves and then participate in the bid.

9. Details of Works:-

| Sl. No. | Package No. | District | Division | Block | Name of Road | Length (in KM) | Cost of Initial Rectification with Surface Renewal (in Lakhs) | Cost of 5-years Maintenance (in Lakhs) | Total Estimated Cost (in Lakhs) | Cost of BOQ (in Rs.) | Bid Security (Rs. in Lakhs) | Amount Payable to works Division |
|---------------------|--------------------------|------------|------------|----------|-----------------------------------------------------------------------|----------------|---------------------------------------------------------------|----------------------------------------|---------------------------------|----------------------|-----------------------------|------------------------------------|
| 1 | MR-N/21-23 Lakhisarai001 | Lakhisarai | Lakhisarai | Halgai | PMGSY Prasaarini Path or Barga Aashan hura Bays Panchayat Bhagwan Tah | 1.500 | 119.72 | 15.32 | 135.040 | 10000 | 4.102 | EC, RWD Works Division, LAKHISARAI |
| | | Lakhisarai | Lakhisarai | Halgai | RWD Prasaarini Path or Barga Aashan hura Bays Panchayat Bhagwan Tah | 0.950 | 67.56 | 7.52 | 75.080 | | | |
| Total for the Group | | | | | | 2.450 | 187.280 | 22.840 | 210.120 | | | |
| 2 | MR-N/21-22 Lakhisarai002 | Lakhisarai | Lakhisarai | Rampachh | Soudal Vatri Shad to Soudal Village | 0.600 | 24.81 | 6.72 | 31.530 | 10000 | 2.073 | EC, RWD Works Division, LAKHISARAI |
| | | Lakhisarai | Lakhisarai | Rampachh | PMGSY Gaint Path or Nandoli Tah | 1.390 | 110.99 | 11.11 | 122.110 | | | |
| Total for the Group | | | | | | 1.990 | 135.800 | 17.830 | 153.630 | | | |

Prakash Kumar Paudyal

[Signature]
31/1/23

[Signature]
31/1/23
Executive Engineer
Rural Work, Department
Work, Div, Lakhisarai