

1. Name of the work : Construction of Road From MR-N/23-24 Muzaffarpur West/01 (1. Missing Link of Laxmipur To Fanda PMGSY Road 2. Mali Tola School Harchanda Se Sain Maisaha Road bhaya Maniphulkaha) in Marwan & Kanti Block Under New Maintenance (MR).
2. No. of roads. : 02 (Two)
3. Length of the road. : 6.900 KM
4. Name of the Agency & Address : Aganagar Construction Private Limited, C/o- Om Prakash, Aganagar, Purushottampur, Dist- Muzaffarpur, Bihar.
5. Agreement No. : **ISMD/23-24**
6. Approval of Rate : Chief Engineer-3, RWD, Bihar, Patna, Letter No. 4006 enc. dt. 26.07.2023 on 10.00% below from Schedule rate.
7. Agreement value of the work:-
 - (a) Construction cost ——— : Rs. 2,74,82,048.00
 - (b) Maintenance cost ——— : Rs. 68,37,707.00

Rs. 3,43,19,755.00 Less 10.00% below from Schedule rate.
Rs. 3,08,87,779.00
 (Rupees Three Crore Eight Lakh Eighty Seven Thousand Seven Hundred Seventy Nine) only.
8. Earnest Money Deposit (5.00%) : **Rs. 15,44,389.00**
 A.P.G. (3.75%) : **Rs. 12,86,991.00**
Rs. 28,31,380.00
 Performance security (including earnest money) deposited by the Agency in the form of TD amounting to Rs. **28,51,000.00** The details of TD is as follow:-
 - (i) TD No. 101420P000001132 Rs. 9,00,000.00 (PNB, Purushottampur, Muz)
 - (ii) TD No. 101420P000000814 Rs. 7,00,000.00 (PNB, Purushottampur, Muz)
 - (iii) TD No. 101420P000001211 Rs. 6,87,000.00 (PNB, Purushottampur, Muz)
 - (iv) TD No. 101420DP00001704 Rs. 2,92,000.00 (PNB, Purushottampur, Muz)
 - (v) TD No. 101420DP00001777 Rs. 2,72,000.00 (PNB, Purushottampur, Muz)

Rs. 28,51,000.00
 (Rupees Twenty Eight Lakh Fifty One Thousand only)
9. Date of work Order : 31.07.2023
10. Date of completion : 30.04.2024 (Nine Month)
11. Security Deposit : 5% (Five percent) to be deducted from the gross amount of each running Bill.
12. Defect liability period : Five years + 45 Days from the actual date of completion of the work.
13. Refund of performance security and security deposit : After five years from the actual date of completion of the work.
14. Total item of Agreement : 81 (Eighty One) item in road.

Note:-New Maintenance Policy-2018 Rules, terms and conditions will be applicable.

Om Prakash

23.08.2023

23/08/23
Executive Engineer
Rural Works Deptt.
Executive Engineer
R.W.D. Works Division
Muzaffarpur West

23/8/23



Tender Inviting Authority: CHIEF ENGINEER WORKS-4

Name of Work: Construction of Road & CD Works of :- Mali Tola School Harchanda to Sain Mausaha Road Via Mali Fulkaha Village
Length -3.85 Km., Block -Kanti, District -Muzaffarpur (East-2), UNDER MR. Construction Cost of Road - 147.826 Lacs & 8 Years
Maintenance Cost - 37.85 Lacs

Contract No: Civil Works:

Bidder Name:

Excess (+) %

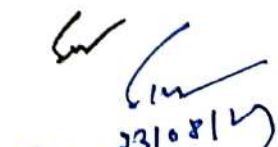
SCHEDULE OF WORKS

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

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
1.00	Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201.	0.770	Ha	72897.860	55977.35
2.00	Consturction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transproting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upt 1000m as per Technical Specification clause	1617.000	Cum	263.440	425982.48
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	136.467	Cum	2624.620	358174.02
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)	119.007	Cum	5164.730	614639.02
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)	142.754	cum	4975.540	710278.24


Signature of Tenderer with seal


23.8.2023


23/08/23
Executive Engineer
Rural Works Deptt.
Rural Works Division
Muzaffarpur (West)

Scanned with CamScanner

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
6.00	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70- 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502.	1824.281	Sqm	58 970	107577.85
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 hydriloc broom as per technical specification clause 503.	14095.781	Sqm	20 270	285721.48
8.00	Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 13.2 mm to 0.09 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	1824.281	Sqm	290 830	530555.64
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.	306.788	cum	15148.250	4647301.32
10.00	Construction of un-reinforced plain cement thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1501.2.2 M 30 grade coarse and fine aggregate maximum size of aggregate not exceeding 25mm, mixed in a concrete of not less than 0.2cum capacity and appropriate 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.	369.660	Cum	9038.420	3341142.34
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. ii) Km stone	4.000	No.	3122.440	12489.76

Signature of Tenderer with seal

23-8-2023

23/08/23
Executive Engineer
Rural Works Deptt.
Rural Works Division
Muzaffargarh (West)

Scanned with CamScanner

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
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	10 000	No.	805 220	13843 52
13.00	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC 67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 i) 600 mm equilateral & triangle,	12 000	Nos	4626 130	55513 56
14.00	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 ii) 600 mm circular	4.000	Nos	6075.780	24303.04
15.00	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 iii) 600 mm x 450 mm rectangular,	6.000	Nos	5927.370	35584.22
16.00	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	58.000	Nos	662.730	38438.34
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	162.000	Each	1216.910	197139.42
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	648.000	Sqm	886.390	574380.72

Shm. Puroh
Signature of Tenderer with seal

23/8/2017

23/8/17
3 of 5
Executive Engineer
Rural Works Deptt.
Rural Works Division
Muzaffarpur (W.B.B.)

Scanned with CamScanner

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
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	866.390	7091.12
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	122.000	Sqm	984.750	120139.50
21.00	Providing and fixing of typical MGSY informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 16 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.	10758.080	32274.24
22.00	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 Brick Masonary in c.m. (1:3) in parapet	11.520	cum	6687.520	77040.23
23.00	Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 613.4 & 1204 Plastering with cement mortar (1:4)	80.640	sqm	218.060	17584.36
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	135.230	10904.95
25.00	1% Labour Cess	1.000	No	122940.567	122940.57
26.00	18% GST	1.000	No	2212930.210	2212930.21
27.00	Add 10% Seigniorage Fee :	1.000	No	122700.000	122700.00
Total Construction Cost :					14752627.50

Shm Porash
Signature of Tenderer with seal

23-8-2023
23/8/23
Executive Engineer
Rural Works Deptt.
Rural Works Division
Muzaffarpur (W.B.)

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
28.00	Maintenance for 1st year	1.000	Year	158607.00	158607.00
29.00	Maintenance for 2nd year	1.000	Year	394622.00	394622.00
30.00	Maintenance for 3rd year	1.000	Year	1005387.00	1005387.00
31.00	Maintenance for 4th year	1.000	Year	491155.00	491155.00
32.00	Maintenance for 5th year	1.000	Year	1124251.00	1124251.00
33.00	1% Labour Cess	1.000	No	31740.22	31740.22
34.00	18% GST	1.000	No	571323.96	571323.96
35.00	Add 10% Seigniorage Fee :	1.000	No	7900.00	7900.00
Five Year Maintenance Cost :					3784986.18
Total Estimated Cost in Figures					18537613.68
Say Amount					1,85,37,614.00
Quoted Rate in Words					

(Signature)
19/09/23

Executive Engineer
R.W.D. Works Division
Muzaffarpur West

B.O.Q. approved for Rs. 1,85,37,614.00
Rupees... one Crore... eighty six Lakhs... thirty seven
Thousand... six Hundred... fourteen Only

(Signature)
20.04.23

Superintending Engineer
Rural Works Department
Work Circle Muzaffarpur

(Signature)
23/08/2023

Executive Engineer
Rural Works Deptt.
Rural Works Division
Muzaffarpur (West)

(Signature)

Signature of Tenderer with seal

(Signature)
23/08/23

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Tender Inviting Authority: **CHIEF ENGINEER WORKS-I**

Name of Work: Construction of Road & CD Works of :- Missing Link of Laxmipur to Fanda PMQSY Road, Length -3.05 Km., Block -Marwan District -Muzaffarpur (East-2). UNDER MR. Construction Cost of Road - 128.036 Lacs & 5 Years Maintenance Cost - 30.527 Lacs

Contract No: Civil Works:

Bidder Name: Excess (+) %

SCHEDULE OF WORKS

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

Sl No.	Description of work	No.or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
1.00	Cleaning 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.	0.610	Ha	72697.880	44345.89
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	1647.000	Cum	263.440	433885.68
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	70.667	Cum	2353.640	166324.68
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. VBM Grading 2 (By Mechanical Means)	82.669	Cum	4864.430	402137.56
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 VBM Grading 3 (By Mechanical Means)	169.840	cum	4709.330	799832.61

John Prakash
Signature of Tenderer with seal

25-8-2023

23/08/23
Executive Engineer
Rural Works Deptt. 1 of 5
Rural Works Division
Muzaffarpur

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
6.00	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70- 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502.	2123.464	Sqm	58 910	125093.28
7.00	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydrioc broom as per technical specification clause 503.	12008.839	Sqm	20.250	243178.99
8.00	Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 13 2 mm to 0.09 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	2123.464	Sqm	285.440	606121.56
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.	247.137	cum	14861.230	3672759.80
10.00	Construction of un-reinforced plain cement thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1501.2.2 M 30 grade coarse and fine aggregate maximum size of aggregate not exceeding 25mm, mixed in a concrete of not less than 0.2cum capacity and appropriate 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.	266.640	Cum	8955.490	2387891.85
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. ii) Km stone	4.000	No.	3219.160	12876.64

Sham Prakash
Signature of Tenderer with seal

23.8.2023

23/08/23
Executive Engineer
Rural Works Deptt.
Rural Works Division
Muzaffarpur. (Wes)

2 of 5

23/08/23

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
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	12.000	Nos.	892.320	10707.84
13.00	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC 67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 i) 600 mm equilateral & triangle,	12.000	Nos	4684.730	56216.76
14.00	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 ii) 600 mm circular	4.000	Nos	6114.360	24457.44
15.00	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 iii) 600 mm x 450 mm rectangular,	4.000	Nos	5965.970	23863.88
16.00	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	46.000	Nos	682.580	31398.68
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	131.000	Each	1303.830	170801.73
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	522.000	Sqm	886.390	462695.58


Signature of Tenderer with seal

23-08-2017

Executive Engineer
Rural Works Deptt.
Rural Works Division
Muzaffargarh (W.P.)

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
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	888.390	7091.12
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	88.000	Sqm	984.750	86658.00
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 MS 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.	10835.270	32505.81
				382.28	29907.34
22.00	Earthwork excavation for foundation of structures as per drawing and technical specification clause 1104 including setting out, stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material (A) Ordinary soil	78 030	Cum	410.680	32033.80
				323.820	15792.70
23.00	Brick Flat Soling Laying brick soling layer on prepared sub-grade With brickb on lines, graded and cross-section shown on the drawing filling joints with sand and earth as per Technical Specification Clause 412	48 770	Sqm	344.930	16822.24
				7632.87	81900.70
24.00	Providing concrete for plain/reinforced concrete in opne foundations complete as per drawings and technical specifications clause 802,803,1202&1203 (I) PCCGrade M-15 Nominal mix 1:2.5:5 with 40 mm and down graded metel	10.730	Cum	2820.330	85521.64
				6492.69	321647.86
25.00	Brick masonry work in cement mortar in foundation complete excluding pointing and plastering as per drawing and technical specifications clauses 600,1202&1203	49.540	Cum	6890.010	341628.34
				6775.02	120121.60
26.00	Brick masonry work in cement mortar in substructure complete excluding pointing and plastering, as per drawing and technical specifications clauses 602,603,604,1202&1204	17.730	Cum	7190.500	127620.41

Shon Pokal
Signature of Tenderer with seal

25-08-2023
Executive Engineer 4 of 5
Rural Works Deptt.
Rural Works Division
Muzaffargarh

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
27.00	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification clauses 802.804, 805, 806, 807, 1202 & 1204 IV. RCC Grade M-20	4.880	Cum	8882.530 2293.62 9440.27	42221.40 40304.13 31247.29
28.00	Providing & Laying reinforced cement concrete in superstructure as per drawing and technical specifications clauses 800, 1205.4 and 1205.5 II. RCC Grade M-25	3.310	Cum	9814.460 83614.48	32816.63 54349.41
29.00	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications C clauses 1002, 1010 and 1202	0.650	MT	60550.000 906.28	39266.03 36242.54
30.00	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification clause 1204.3.8	39.990	Cum	957.110	38274.83
31.00	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification clauses 616, 709, 1204.3.7	32.000	Nos	155.400 145.330 579.960	4976.36 4650.56 1159.92
32.00	Drainage spouts complete as per drawing and technical specifications clause 1209	2.000	Nos	624.390	1248.78
33.00	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 Brick Masonry in c.m. (1:3) in parapet	6.770	cum	7450.740 6738.850	48484.87 45622.01
34.00	Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 613.4 & 1204 Plastering with cement mortar (1:4)	84.300	sqm	235.940 223.190	19889.74 18814.92
35.00	Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new plastered / concrete surface as per drawing and technical specification clause 1701	40.320	sqm	135.230	5452.47
36.00	1% Labour Cess	1.000	No	106667.971	106667.97
37.00	18% GST	1.000	No	1018043.475	1018043.47
38.00	Add 10% Seigniorage Fee :	1.000	No	123200.000	123200.00
Total Construction Cost :					12803598.13 12729419.79
39.00	Maintainance for 1st year	1.000	Year	132466.00	132466.00
40.00	Maintainance for 2nd year	1.000	Year	322411.00	322411.00
41.00	Maintainance for 3rd year	1.000	Year	806090.00	806090.00
42.00	Maintainance for 4th year	1.000	Year	398658.00	398658.00
43.00	Maintainance for 5th year	1.000	Year	900393.00	900393.00
44.00	1% Labour Cess	1.000	No	25600.18	25600.18
45.00	18% GST	1.000	No	460803.24	460803.24
46.00	Add 10% Seigniorage Fee :	1.000	No	6300.00	6300.00
Five Year Maintenance Cost :					3052721.42
Total Estimated Cost in Figures				15782141.21	15856320.00
Say Amount				1, 57, 82, 141.00	1,58,56,320.00
Quoted Rate in Words					

Signature of Tenderer with seal

23.08.2017
23.08.2017
Executive Engineer
Rural Works Deptt.
Rural Works Division
Muzaffarpur (West)

Executive Engineer
R.W.D. Works Division
Muzaffarpur West

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