PASCHIM MEDINIPUR ZILLA PARISHAD

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CORRIGENDUM

In the NIT PMD/N-71/2019-20 which was published vide this office memo no. 1370/P dated: 04.12.2019.

Please follow the rectified SOQs for the work of serial no (1),(2),(5),(6),(10) & (12). Other terms and conditions of this NIT remain unchanged.

The work of serial no (3) is hereby cancelled due to some unavoidable circumstances.

All bidders are requested to take needful action and follow the addendas & Corrigendas upto the last time of bid submission accordingly.

11/12/19

Executive Engineer
Paschim Medinipur Zilla Parishad

Memo No: 1429/1(40)/P Dt. 11.12.2019

Copy forwarded for information and wide publication :-

1. The Sabhadhipati, Paschim Medinipur Zilla Parishad.
2. The Joint Secretary, Panchayat & RD Department, Government of West Bengal, Joint Administrative Building, H.C-7 Sector-3, Salt Lake, Kolkata -106.
3. The Chief Engineer, P&RD Department. West Bengal
4. The Joint Secretary, P&RD Department, He is requested to arrange to upload the notice at P&RD website
5. The District Magistrate, Paschim Medinipur District & E.O, P.M.Z.P.
6. The A.E.O, P.M.Z.P.
7. The Purta Karmadhakshya, P.M.Z.P.
8. The Secretary, Paschim Medinipur Zilla Parishad
9. The District Engineer, Paschim Medinipur Zilla Parishad
10-12. The S.D.O, Medinipur Sadar / Ghatal /Kharagpur
13. The F.C.& C.A.O. Paschim Medinipur Zilla Parishad.
14. The District Information & Cultural Officer,Paschim Medinipur
15-35. All the BDOS, Paschim Medinipur District.
36-38. The Executive Engineer W.B.S.R.D.A Division-I / Executive Engineer P.W.D./PWD(Roads)
39. Notice Board of Zilla Parishad.
40. DIA, Paschim Medinipur Zilla Parishad, He is requested to upload the notice at Zilla Parishad Website.

11/12/19

Executive Engineer
Paschim Medinipur Zilla Parishad

Tender Inviting Authority : Executive Engineer, Paschim Medinipur Zilla Parishad

Name of Work : REPAIR OF ROAD FROM RAIL GATE TO KALICHARAN MURMU HOUSE VILLAGE MIRPUR (BAGANPARA) VIA ITAPARA AT GOPALI GP WITHIN KHARAGPUR-I PS IN PASCHIM MEDINIPUR.

Contract No. :PMD/N-71/2019-20 (SL No:01)

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 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 Specifications Clause 201 for Rural Roads of MORD. (I) By Mechanical Means a) In area of non-thorny jungle	0.1860	Hec	23363.00	Rupees Twenty Three Thousand Three Hundred Sixty Three Only	4346.00
2	Construction of Embankment with Material Obtained from Borrow Pits Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5 for Rural Roads of MORD. (Mode of measurement: pre works and post works)	840.8180	Cum	110.60	Rupees One Hundred Ten And Sixty Paise Only	92994.00
3	Supplying, spreading and consolidating Moorum to a depth of 75 mm at desired density and C.B.R. as per specification with power roller to proper gradient and camber including watering as necessary, and lighting, guarding, barricading and making adequate earthen bundh where necessary to protect the edges and curing with water for 2 to 3 days, mending cracks by rolling where necessary including all incidental charges of roller, cost of fuel & lubricants etc. complete as per specification.	186.000	cum	833.19	Rupees Eight Hundred Thirty Three And Nineteen Paise Only	154973.00
4	Providing and laying Design Mix concrete for plain cement concrete work in any part of bridge excluding bottom plugging) with coarse aggregates of appropriate nominal size and grading, fine aggregate (sand) conforming to proper grading zone, both of approved quality and cement, as necessary, including labour, cost and carriage of all materials and including preparation of design mix, approval of the same by the Engineer-in-Charge and cost for quality control, sampling, testing etc. all complete but excluding cost of labour and materials for formwork & reinforcement works. (a) M-25 Grade Using concrete mixer	332.010	Cum	5571.11	Rupees Five Thousand Five Hundred Seventy One And Ten Paise Only	1849663.00
5	Hire and labour charges for Shuttering with or without staging upto 4.0 m height using approved stout props with wooden planks/ply wood/steel sheet plate with required bracing for any kind of plain or reinforced concrete works in all sorts of minor structure including culvert, box culvert, crossdrain etc. The rate is inclusive of fitting, fixing and striking out after completion of work as perspecification and direction. (b) Where staging is not required.	282.625	Sqm	214.00	Rupees Two Hundred Fourteen Only	60482.00
6	Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches	1860.000	Sqm	24.00	Rupees Twenty Four Only	44640.00

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
7	Providing & fixing Concrete Sign Board as per IRC specification of size 900 x 750 x 37 mm. thick made with RCC 1:1½:3 with pakur variety stone chips reinforced with double layer IRC febric (75 x 75 mm. mesh) and fixed with necessary nuts & bolts on two RC precast posts 100 mm. x 150 mm. of height 2.65 m. of which top 750 mm. is of section 100 x 13 mm. and 1.90 metre above GL & 0.75 metre below GL including digging hole, repacking the same with cement concrete 1:3:6 with jhama khoa or with local stone chips etc. complete including painting two coats on both faces lettering sign marks etc. as per direction of the Engineer-in-Charge. (The rate is inclusive of cost of reinforcement, concrete, shuttering, nuts & bolts, washer etc. complete.)	1.000	each	2230.00	Rupees Two Thousand Two Hundred Thirty Only	2230.00
8	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 801 of Specifications for Road & Bridge Works of MoRT&H (5th Revision)	4002.000	cm per letter	0.50	Rupees And Fifty Paise Only	2001.00
9	Earthwork in excavation from borrow pits (lan woned/arranged by the Department) and depositing in layers of 250 mm. including breaking clods in embankment works and to fill up back of abutments, depressions and ruts with an initial lead up to 50 m and initial lift up to 1.5 m making bunds at top as directed dressing complete. (Borrow pit measurement) (i) In ordinary soil	42.188	Cum	114.00	Rupees One Hundred Fourteen Only	4809.00
10	Sand filling in foundation trenches and at the back of abutments, wing-walls etc. with good local sand free from earth in layers not exceeding 15 cm including inundating each layer by profuse water and poking and ramming layer by layer complete including supply of sand. Quality of sand is to be approved by the Engineer-in-charge.	15.938	cum	626.23	Rupees Six Hundred Twenty Six And Twenty Three Paise Only	9981.00
11	Providing and laying Design Mix concrete for plain / reinforced concrete work in any part of bridge excluding bottom plugging) with coarse aggregates of appropriate nominal size and grading, fine aggregate (sand) conforming to proper grading zone, both of approved quality and cement, as necessary, including labour, cost and carriage of all materials and including preparation of design mix, approval of the same by the Engineer-in-Charge and cost for quality control, sampling, testing etc. all complete but excluding cost of labour and materials for formwork & reinforcement works. (a) M-15 Grade Using concrete mixer	19.375	Cum	5052.92	Rupees Five Thousand Fifty Two And Ninety Two Paise Only	97900.00
12	Hire and labour charges for Shuttering with or without staging upto 4.0 m height using approved stout props with wooden planks/ply wood/steel sheet plate with required bracing for any kind of plain or reinforced concrete works in all sorts of minor structure including culvert, box culvert, crossdrain etc. The rate is inclusive of fitting, fixing and striking out after completion of work as perspecification and direction. (b) Where staging is not required.	130.000	Sqm	214.00	Rupees Two Hundred Fourteen Only	27820.00
13	Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches	43.750	Sqm	24.00	Rupees Twenty Four Only	1050.00
14	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, removing, spreading or stacking of spoils within a lead of 150 m. as directed and including trimming the sides of the trenches, leveling, dressing and ramming the bottom, and backfilling with approved material complete as per direction of the Engineer-in-Charge	45.600	Cum	104.00	Rupees One Hundred Four Only	4742.00

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
15	Earthwork in filling in foundation trenches with good earth in layers not exceeding 15cm. including watering and ramming layer by layer complete with earth obtained from excavation of foundation or from fresh excavation of land arranged by Department within a lead of 150 m	9.200	Cum	92.00	Rupees Ninety Two Only	846.00
16	Sand filling in foundation trenches and at the back of abutments, wing-walls etc. with good local sand free from earth in layers not exceeding 15 cm. including inundating each layer by profuse water and poking and ramming layer by layer complete including supply of sand. Quality of sand is to be approved by the Engineer-in-charge.	4.500	cum	626.23	Rupees Six Hundred Twenty Six And Twenty Three Paise Only	2818.00
17	Plain / Reinforced Cement Concrete in Open foundation with or without reinforcements, in any part of foundation of bridges / culverts with graded stone chips of appropriate nominal sizes, including screening and cleaning of coarse aggregates, fine aggregate (sand) conforming to proper grading zone, both of approved quality and cement, as necessary, cost of curing with water, including cost and carriage of all materials and including preparation of design mix, approval of the same by the Engineer-in-Charge, cost for quality control, sampling, testing etc. including cost of formwork but excluding reinforcement complete as per drawing and technical specification (A)PCC Grade M15	30.7460	Cum	5052.92	Rupees Five Thousand Fifty Two And Ninety Two Paise Only	155357.00
18	Providing and Laying Reinforced Cement Concrete Pipe 600 mm dia NP3 as per design in Single Row Providing and laying reinforced cement concrete pipe NP3 with spigot socket for culverts on first class bedding of granular material in single row including fixing with cement mortar 1:2 as per Technical Specification Clause 1106 for Rural Roads of MORD	15.000	Mtr	2901.44	Rupees Two Thousand Nine Hundred One And Forty Four Paise Only	43522.00
19	Bedding for Pipei) Type A (Concrete Cradle) BeddingM15 Grade Cement Concrete as per Clause 1105 (i) for Rural Roads of MORD Laying concrete cradle bedding with M15 Grade Cement Concrete as per Clause 1105 (i) for Rural Roads of MORD	4.092	Cum	5209.92	Rupees Five Thousand Two Hundred Nine And Ninety Two Paise Only	21319.00
20	Hire and labour charges for Shuttering with or without staging upto 4.0 m height using approved stout props with wooden planks/ply wood/steel sheet plate with required bracing for any kind of plain or reinforced concrete works in all sorts of minor structure including culvert, box culvert, cross drain etc. The rate is inclusive of fitting, fixing and striking out after completion of work as per specification and direction(b) Where staging is not required	110.702	Sq.m	214.00	Rupees Two Hundred Fourteen Only	23690.00
21	Providing weep holes in Brick masonry / Plain / Reinforced concrete abutment, wing wall / return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V:20H towards drawing face. Complete as per drawing and Technical specifications	8.000	each	115.00	Rupees One Hundred Fifteen Only	920.00

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
22	R.C. Guard post Supplying fitting and fixing R.C. guard post 1.37m long with C.C. 1:2:4 with graded stone chips of 13.2mm down casting , curing complete including cost of providing 4nos.of 12mm dia. rod of length 1.54m as main reinforcement and 6 nos. of round shaped 8mm dia rods used as binders; the placing ofthe first binder should be at 75mm below the top finished surface and the other 5 nos of binders should be placed at 245mm c/c ; the guard post is of octagonal section with inscribed circle of dia 24cm at the base tapering to corresponding dimensions of 16cm at the top including two coats of painting with best quality synthetic namel paint of approved make and grade to form 6 nos. horizontal alternate bands in white/tannery yellow and black to 90 cm length standing up above ground after mending good damages if any during striking off shuttering, making hole in ground of 47cm depth and 30cm. minimum dia, fixing the guard posts in the same holes and repacking the earth properly so as to keep the guard posts standing properly erect in correct position true to line and length including carriage of R. C. Guard Post with due care to the site including loading into the truck and unloading at site complete in all respect. With Pakur variety stone chips	16.000	each	661.00	Rupees Six Hundred Sixty One Only	10576.00
23	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, removing, spreading or stacking of spoils within a lead of 150 m. as directed and including trimming the sides of the trenches, leveling, dressing and ramming the bottom, and backfilling with approved material complete as per direction of the Engineer-in-Charge	16.800	Cum	104.00	Rupees One Hundred Four Only	1747.00
24	Earthwork in filling in foundation trenches with good earth in layers not exceeding 15cm. including watering and ramming layer by layer complete with earth obtained from excavation of foundation or from fresh excavation of land arranged by Department within a lead of 150 m	3.360	Cum	92.00	Rupees Ninety Two Only	309.00
25	Sand filling in foundation trenches and at the back of abutments, wing-walls etc. with good local sand free from earth in layers not exceeding 15 cm. including inundating each layer by profuse water and poking and ramming layer by layer complete including supply of sand. Quality of sand is to be approved by the Engineer-in-charge.	3.150	Sqm	626.23	Rupees Six Hundred Twenty Six And Twenty Three Paise Only	1973.00
26	Providing and Laying Reinforced Cement Concrete Pipe 300 mm dia NP3 as per design in Single Row Providing and laying reinforced cement concrete pipe NP3 with spigot socket for culverts on first class bedding of granular material in single row including fixing with cement mortar 1:2 as per Technical Specification Clause 1106 for Rural Roads of MORD	15.000	Mtr	1309.92	Rupees One Thousand Three Hundred Nine And Ninety Two Paise Only	19649.00
27	Providing and Laying Reinforced Cement Concrete Pipe 600 mm dia NP3 as per design in Single Row Providing and laying reinforced cement concrete pipe NP3 with spigot socket for culverts on first class bedding of granular material in single row including fixing with cement mortar 1:2 as per Technical Specification Clause 1106 for Rural Roads of MORD	10.000	Mtr	2789.44	Rupees Two Thousand Seven Hundred Eighty Nine And Forty Four Paise Only	27894.00
	Total estimated cost in Figures:					**2668251.00**
	Goods and Service Tax (GST @ 12%)	2668251.00	GST	0.12		**320190.00**
	Labour Welfare cess(LWC) @1%	2988441.00	Cess	0.01		**29884.00**
	Total					**3018325.00**
	Quoted rate in Words	**Rupees Thirty Lakhs Eighteen Thousand Three Hundred Twenty Five Only**				

Tender Inviting Authority : Executive Engineer, Paschim Medinipur Zilla Parishad

Name of Work : REPAIR OF ROAD FROM SHAMBHU HEMBRAM HOUSE TO LAKMAN SOREN HOUSE GANGADHARPUR VILLAGE AT KHELAR GP WITHIN KHARAGPUR-I PS IN PASCHIM MEDINIPUR.

Contract No. : PMD/N-71/2019-20 (SL No:02)

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 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 Specifications Clause 201 for Rural Roads of MORD. (I) By Mechanical Means a) In area of non-thorny jungle	0.2130	Hec	23363.00	Rupees Twenty Three Thousand Three Hundred Sixty Three Only	4976.00
2	Construction of Embankment with Material Obtained from Borrow Pits Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5 for Rural Roads of MORD. (Mode of measurement: pre works and post works)	760.6800	Cum	110.60	Rupees One Hundred Ten And Sixty Paise Only	84131.00
3	Removing all types of Hume pipes and stacking within a lead of 1000 m including Earthwork and Dismantling of Masonry Works as per Technical Specification Clause 202 for Rural Roads of MORD Upto 600 mm dia Hume pipe	9.000	MTR	154.00	Rupees One Hundred Fifty Four Only	1386.00
4	Supplying, spreading and consolidating Moorum to a depth of 75 mm at desired density and C.B.R. as per specification with power roller to proper gradient and camber including watering as necessary, and lighting, guarding, barricading and making adequate earthen bundh where necessary to protect the edges and curing with water for 2 to 3 days, mending cracks by rolling where necessary including all incidental charges of roller, cost of fuel & lubricants etc. complete as per specification.	213.000	cum	833.19	Rupees Eight Hundred Thirty Three And Nineteen Paise Only	177469.00
5	Providing and laying Design Mix concrete for plain cement concrete work in any part of bridge excluding bottom plugging) with coarse aggregates of appropriate nominal size and grading, fine aggregate (sand) conforming to proper grading zone, both of approved quality and cement, as necessary, including labour, cost and carriage of all materials and including preparation of design mix, approval of the same by the Engineer-in-Charge and cost for quality control, sampling, testing etc. all complete but excluding cost of labour and materials for formwork & reinforcement works. (a) M-25 Grade Using concrete mixer	380.205	Cum	5625.65	Rupees Five Thousand Six Hundred Twenty Five And Sixty Four Paise Only	2138898.00
6	Hire and labour charges for Shuttering with or without staging upto 4.0 m height using approved stout props with wooden planks/ply wood/steel sheet plate with required bracing for any kind of plain or reinforced concrete works in all sorts of minor structure including culvert, box culvert, crossdrain etc. The rate is inclusive of fitting, fixing and striking out after completion of work as perspecification and direction. (b) Where staging is not required.	323.575	Sqm	214.00	Rupees Two Hundred Fourteen Only	69245.00
7	Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches	2130.000	Sqm	24.00	Rupees Twenty Four Only	51120.00

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
8	Providing & fixing Concrete Sign Board as per IRC specification of size 900 x 750 x 37 mm. thick made with RCC 1:1½:3 with pakur variety stone chips reinforced with double layer IRC febric (75 x 75 mm. mesh) and fixed with necessary nuts & bolts on two RC precast posts 100 mm. x 150 mm. of height 2.65 m. of which top 750 mm. is of section 100 x 13 mm. and 1.90 metre above GL & 0.75 metre below GL including digging hole, repacking the same with cement concrete 1:3:6 with jhama khoa or with local stone chips etc. complete including painting two coats on both faces lettering sign marks etc. as per direction of the Engineer-in-Charge. (The rate is inclusive of cost of reinforcement, concrete, shuttering, nuts & bolts, washer etc. complete.)	1.000	each	2230.00	Rupees Two Thousand Two Hundred Thirty Only	2230.00
9	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 801 of Specifications for Road & Bridge Works of MoRT&H (5th	3986.000	cm per letter	0.50	Rupees And Fifty Paise Only	1993.00
10	Drum Sheet Walling 1.40m (av.) high on Sal-bullah / Eucalyptus bullah piling 10 cm dia. and 3.25m long driven 1.75m (av.) below G.L. and 75cm centre to centre including fitting fixing 3 nos. of half bullah pieces (from 10 cm dia) and drum(empty bitumen) sheet (approved condition) of height 1.5m , cutting and straightening drum sheet (each joint must have lap length of min.50mm) including cost of necessary nails, bolts, nuts etc. and providing 2 to 3m long half bullah ties of 10cm dia. @ 2.25 m centre to centre fixed with 10 cm dia. bullah posts driven 1.5m below G.L. including cost of all materials and one coat of coal tarring to all bullah etc. complete as per direction.(i) Using Eucalyptus bullah	53.900	Mtr	1244.00	Rupees One Thousand Two Hundred Forty Four Only	67052.00
11	Supply of empty cement bags and filling empty cement bag with dry earth or sand , stitching the bag (cost of thread included) and carring and placing them in posotion and all incidental charges complete including cost of gunny bags.	1200.000	No	6.80	Rupees Six And Eighty Paise Only	8160.00
13	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, removing, spreading or stacking of spoils within a lead of 150 m. as directed and including trimming the sides of the trenches, leveling, dressing and ramming the bottom, and backfilling with approved material complete as per direction of the Engineer-in-Charge	22.800	Cum	104.00	Rupees One Hundred Four Only	2371.00
14	Earthwork in filling in foundation trenches with good earth in layers not exceeding 15cm. including watering and ramming layer by layer complete with earth obtained from excavation of foundation or from fresh excavation of land arranged by Department within a lead of 150 m	4.560	Cum	92.00	Rupees Ninety Two Only	420.00
15	Sand filling in foundation trenches and at the back of abutments, wing-walls etc. with good local sand free from earth in layers not exceeding 15 cm. including inundating each layer by profuse water and poking and ramming layer by layer complete including supply of sand. Quality of sand is to be approved by the Engineer-in-charge.	2.250	Cum	626.23	Rupees Six Hundred Twenty Six And Twenty Three Paise Only	1409.00

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
16	Plain / Reinforced Cement Concrete in Open foundation with or without reinforcements, in any part of foundation of bridges / culverts with graded stone chips of appropriate nominal sizes, including screening and cleaning of coarse aggregates, fine aggregate (sand) conforming to proper grading zone, both of approved quality and cement, as necessary, cost of curing with water, including cost and carriage of all materials and including preparation of design mix, approval of the same by the Engineer-in-Charge, cost for quality control, sampling, testing etc. including cost of formwork but excluding reinforcement complete as per drawing and technical specification (A)PCC Grade M15	15.373	Cum	5107.46	Rupees Five Thousand One Hundred Seven And Forty Six Paise Only	78517.00
17	Providing and Laying Reinforced Cement Concrete Pipe 600 mm dia NP3 as per design in Single Row Providing and laying reinforced cement concrete pipe NP3 with spigot socket for culverts on first class bedding of granular material in single row including fixing with cement mortar 1:2 as per Technical Specification Clause 1106 for Rural Roads of MORD	7.5000	Mtr	2789.44	Rupees Two Thousand Seven Hundred Eighty Nine And Forty Four Paise Only	20921.00
18	Bedding for Pipei) Type A (Concrete Cradle) BeddingM15 Grade Cement Concrete as per Clause 1105 (i) for Rural Roads of MORD Laying concrete cradle bedding with M15 Grade Cement Concrete as per Clause 1105 (i) for Rural Roads of MORD	2.046	Cum	5264.46	Rupees Five Thousand Two Hundred Sixty Four And Forty Six Paise Only	10771.00
19	Hire and labour charges for Shuttering with or without staging upto 4.0 m height using approved stout props with wooden planks/ply wood/steel sheet plate with required bracing for any kind of plain or reinforced concrete works in all sorts of minor structure including culvert, box culvert, cross drain etc. The rate is inclusive of fitting, fixing and striking out after completion of work as per specification and direction(b) Where staging is not required	55.351	Sq.m	214.00	Rupees Two Hundred Fourteen Only	11845.00
20	Providing weep holes in Brick masonry / Plain / Reinforced concrete abutment, wing wall / return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V:20H towards drawing face. Complete as per drawing and Technical specifications	4.000	each	115.00	Rupees One Hundred Fifteen Only	460.00
21	R.C. Guard post Supplying fitting and fixing R.C. guard post 1.37m long with C.C. 1:2:4 with graded stone chips of 13.2mm down casting , curing complete including cost of providing 4nos.of 12mm dia. rod of length 1.54m as main reinforcement and 6 nos. of round shaped 8mm dia rods used as binders; the placing ofthe first binder should be at 75mm below the top finished surface and the other 5 nos of binders should be placed at 245mm c/c ; the guard post is of octagonal section with inscribed circle of dia 24cm at the base tapering to corresponding dimensions of 16cm at the top including two coats of painting with best quality synthetic namel paint of approved make and grade to form 6 nos. horizontal alternate bands in white/tannery yellow and black to 90 cm length standing up above ground after mending good damages if any during striking off shuttering, making hole in ground of 47cm depth and 30cm. minimum dia, fixing the guard posts in the same holes and repacking the earth properly so as to keep the guard posts standing properly erect in correct position true to line and length including carriage of R. C. Guard Post with due care to the site including loading into the truck and unloading at site complete in all respect. With Pakur variety stone chips	8.000	each	661.00	Rupees Six Hundred Sixty One Only	5288.00

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
22	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, removing, spreading or stacking of spoils within a lead of 150 m. as directed and including trimming the sides of the trenches, leveling, dressing and ramming the bottom, and backfilling with approved material complete as per direction of the Engineer-in-Charge	12.000	Cum	104.00	Rupees One Hundred Four Only	1248.00
23	Earthwork in filling in foundation trenches with good earth in layers not exceeding 15cm. including watering and ramming layer by layer complete with earth obtained from excavation of foundation or from fresh excavation of land arranged by Department within a lead of 150 m	2.400	Cum	92.00	Rupees Ninety Two Only	221.00
24	Sand filling in foundation trenches and at the back of abutments, wing-walls etc. with good local sand free from earth in layers not exceeding 15 cm. including inundating each layer by profuse water and poking and ramming layer by layer complete including supply of sand. Quality of sand is to be approved by the Engineer-in-charge.	0.450	cum	626.23	Rupees Six Hundred Twenty Six And Twenty Three Paise Only	282.00
25	Providing and Laying Reinforced Cement Concrete Pipe 300 mm dia NP3 as per design in Single Row Providing and laying reinforced cement concrete pipe NP3 with spigot socket for culverts on first class bedding of granular material in single row including fixing with cement mortar 1:2 as per Technical Specification Clause 1106 for Rural Roads of MORD	5.000	Mtr	1309.92	Rupees One Thousand Three Hundred Nine And Ninety Two Paise Only	6550.00
26	Providing and Laying Reinforced Cement Concrete Pipe 600 mm dia NP3 as per design in Single Row Providing and laying reinforced cement concrete pipe NP3 with spigot socket for culverts on first class bedding of granular material in single row including fixing with cement mortar 1:2 as per Technical Specification Clause 1106 for Rural Roads of MORD	10.000	Mtr	2789.44	Rupees Two Thousand Seven Hundred Eighty Nine And Forty Four Paise Only	27894.00
	Total estimated cost in Figures:					**2774857.00**
	Goods and Service Tax (GST @ 12%)	2774857.00	GST	0.12		**332982.00**
	Labour Welfare cess(LWC) @1%	3107839.00	Cess	0.01		**31078.00**
	Total					**3138917.00**
	Quoted rate in Words	**Rupees Thirty One Lakhs Thirty Eight Thousand Nine Hundred Seventeen Only**				

Tender Inviting Authority : Executive Engineer, Paschim Medinipur Zilla Parishad

Name of Work IMPROVEMENT OF ROAD FROM O.T. ROAD TOWARDS DHITPUR VILLAGE (LENGTH 1.100 KM) AT CHANGUAL GP WITHIN KHARAGPUR-II PS IN PASCHIM MEDINIPUR.

Contract No. :PMD/N-71/2019-20 (SL No:05)

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 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 Specifications Clause 201 for Rural Roads of MORD.II) By Mechanical Means a) In area of non-thorny jungle	0.2200	hectare	23363.00	Rupees Twenty Three Thousand Three Hundred Sixty Three Only	5140.00
2	Removing all types of Hume pipes and stacking within a lead of 1000 m including Earthwork and Dismantling of Masonry Works as per Technical Specification Clause 202 for Rural Roads of MORD Upto 600 mm dia Hume pipe	20.0000	Mtr	154.00	Rupees One Hundred Fifty Four Only	3080.00
3	Construction of Embankment with Material Obtained from Borrow Pits Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5 for Rural Roads of MORD. (Mode of measurement: pre works and post works	1988.890	Cum	110.60	Rupees One Hundred Ten And Sixty Paise Only	219971.00
4	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 for Rural Roads of MORD. (Borrow pit /pre work post work measurement) (a) Carriage up to total lead of 1.0 km	1320.000	Cum	119.80	Rupees One Hundred Nineteen And Eighty Paise Only	158136.00
5	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5 for Rural Roads of MORD. (Mode of measurement: pre works and post works)Extra for carriage of all kinds of earth by Mechanical Transport:a) Carriage up to total lead of 1.0 km.	495.000	Cum	205.60	Rupees Two Hundred Five And Sixty Paise Only	101772.00
6	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 for Rural Roads of MORD. (Borrow pit /pre work post work measurement))Extra for carriage of all kinds of earth by Mechanical Transport:a) Carriage up to total lead of 1.0 km. (a) Carriage up to total lead of 1.0 km	330.000	Cum	214.80	Rupees Two Hundred Fourteen And Eighty Paise Only	70884.00

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
7	Supplying, spreading and consolidating Moorum to a depth of 75 mm at desired density and C.B.R. as perspecification with power roller to proper gradient andcamberincluding watering as necessary, and lighting,guarding, barricading and making adequate earthenbundh where necessary to protect the edges and curingwith water for 2 to 3 days, mending cracks by rollingwhere necessary including allincidental charges ofroller, cost of fuel & lubricants etc. complete as per specification. The compaction factor may be taken as0.67. (Payment will be made on the basis of finished surfaced area)	475.695	cum	875.73	Rupees Eight Hundred Seventy Five And Seventy Three Paise Only	416580.00
8	Water Bound Macadam Sub Base by consolidating Jhama bricks bats of specific size in hard crust to requisite thickness (measured after compaction) in layers including screening of metals etc. as necessary, hand packing, sweeping, watering and rolling in stages with power roller to proper line, grade and camber, lighting, guarding & barricading and making necessary earthen bundh of one metre width on each side where necessary to protect edges and preparing the bed by necessary cutting or filling and rolling all complete including the cost of all materials and hire and labour charges of all men and machineries and compacting to the required density, as per Clause 404 of Specifications for Road & Bridge Works of MoRT&H (5th Revision)For Construction of Sub Base by consolidating Jhama metal (63 mm to 45 mm) with moorum screening :	252.450	cum	2065.58	Rupees Two Thousand Sixty Five And Fifty Eight Paise Only	521456.00
9	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening / binding materials to fill up the interstices of coarse aggregate, watering including lighting, guarding, barricading and making necessary earthen bundh of one metre width on each side and preparing the bed by necessary cutting or filling, including cost of all materials and hire and labour charges of all men and machinery and compacting to the required density, as per Clause 404 of Specifications for Road & Bridge Works of MoRT&H (5th Revision). (i) Grading-I Aggregate (63 mm to 45 mm) Using Stone Screening Type B(11.2 mm)	252.450	cum	2926.13	Rupees Two Thousand Nine Hundred Twenty Six And Thirteen Paise Only	738702.00
10	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with vibratory roller 8-10 tonnes in stages to proper grade and camber, applying andbrooming requisite type of screening / binding materials to fill up the interstices of coarse aggregate,watering including lighting, guarding, barricading and making necessary earthen bundh of one metre width on each side and preparing the bed by necessary cutting or filling, including cost of all materials and hire and labour charges of all men and machinery and compacting to the required density, as per Clause 404 of Specifications for Road & Bridge Works of MoRT&H (5th Revision) (iii) Grading-II Aggregate (53 mm to 22.4 mm) Using stone Screening Type B (11.2 mm) B. Manual Means	252.450	cum	3490.57	Rupees Three Thousand Four Hundred Ninety And Fifty Seven Paise Only	881194.00

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
11	Providing and applying primer coat with Cationic Bitumen Emulsion of approved grade conforming to IS: 8887-1978 and requisite quantity on prepared surface of granular base including cleaning of road surface and spraying primer using Mechanical means including cost and carriage of bitumen emulsion and all other incidental costs of work complete as per Clause 502 of Specifications for Road & Bridge Works of MoRT&H (5th Revision). (i) For WBM / WMM Surface: (with primer @ 0.70-1.0 kg/sqm)	3366.000	sqm	36.20	Rupees Thirty Six And Twenty Paise Only	121849.00
12	Providing and applying tack coat with Cationic Bitumen Emulsion of approved grade conforming to IS: 8887-1978 on the prepared surface cleaned with Hydraulic broom, moistening the surface including cost and carriage of emulsion, hire charges of machinery and labour, cost of fuel and lubricants all complete as per Clause 503 of Specifications for Road & Bridge Works of MoRT&H (5th Revision). (i) On Bituminous Surface (Using Bitumen Emulsion at the rate of 0.20 to 0.30 kg per sqm.)	3366.000	sqm	11.51	Rupees Eleven And Fifty One Paise Only	38743.00
13	Providing, laying and rolling of Open - graded premix surfacing of 20 mm thickness composed of 13.2 mm (@ 0.018 m^3 per m^2) and 11.2 mm (@ 0.009 m^3 per m^2) size stone aggregates, including thoroughly cleaning of the surface, screening, cleaning and pre-heating stone chips and fully pre-coating the same either using viscosity grade paving bitumen or cut-back or emulsion,carrying the mixture by any suitable arrangements,laying the mixture uniformly over the surface, including line, grade and level to serve as wearing course on a previously prepared base, including mixing in Mobile Hot Mix Plant (Light Duty) and thoroughly rolling with a smooth wheeled roller 8-10 tonne capacity, finished to required level and grades including the cost and carriage of stone chips and matrix, heating the matrix, preheating the aggregates to required temperature and including the hire charges of Mobile Hot Mix Plant (Light Duty) and other machinery, pay of operators, cost of fuel and lubricants etc. complete to be followed by seal coat of either Type A or Type B as per Technical Specification Clause 508 for Rural Roads of MORD.7	3366.000	sqm	124.35	Rupees One Hundred Twenty Four And Thirty Five Paise Only	418562.00
14	Providing and laying Premixed Seal Coat (Type B) with approved quality sand/grit @ 0.6 m3/ 100 m2 and bitumen binder on thoroughly cleaned black top surface coated with tack coat, including heating and mixing cleaned sand/grit (100 % passing through 2.36 mm sieve and retained on 180 micron sieve) uniformly with bitumen binder, laying and spreading the mix at an uniform rate using suitable means, brushing the surface, if necessary, to ensure uniformity, followed by rolling with power roller including the cost and carriage of binder and aggregates, cost of heating the binder and aggregates and all other incidental charges, cost of fuel and lubricants, including hire charges of machineries, tools & plants required for construction and quality control complete as per Clause 511 of Specifications for Road & Bridge Works of MoRT&H (5th Revision) .II By Manual Means With Hot Bitumen Binder (@ 6.80 kg / 10 sqm.) (Payment will be made on the basis of finished surfaced area).	3366.000	sqm	43.85	Rupees Forty Three And Eighty Five Paise Only	147599.00

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
15	Providing & fixing Concrete Sign Board as per IRC specification of size 900 x 750 x 37 mm. thick made with RCC 1:1½:3 with pakur variety stone chips reinforced with double layer IRC febric (75 x 75 mm. mesh) and fixed with necessary nuts & bolts on two RC precast posts 100 mm. x 150 mm. of height 2.65 m. of which top 750 mm. is of section 100 x 13 mm. and 1.90 metre above GL & 0.75 metre below GL including digging hole, repacking the same with cement concrete 1:3:6 with jhama khoa or with local stone chips etc. complete including painting two coats on both faces lettering sign marks etc. as per direction of the Engineer-in-Charge. (The rate is inclusive of cost of reinforcement, concrete, shuttering, nuts & bolts, washer etc. complete.)	2.000	each	2230.00	Rupees Two Thousand Two Hundred Thirty Only	4460.00
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 801 of Specifications for Road & Bridge Works of MoRT&H (5th Revision)	4004.000	per cm per letter	0.50	Rupees And Fifty Paise Only	2002.00
17	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, removing, spreading or stacking of spoils within a lead of 150 m. as directed and including trimming the sides of the trenches, leveling, dressing and ramming the bottom, and backfilling with approved material complete as per direction of the Engineer-in-Charge	12.2400	Cum	104.00	Rupees One Hundred Four Only	1273.00
18	Earthwork in filling in foundation trenches with good earth in layers not exceeding 15cm. including watering and ramming layer by layer complete with earth obtained from excavation of foundation or from fresh excavation of land arranged by Department within a lead of 150 m	2.448	Cum	92.00	Rupees Ninety Two Only	225.00
19	Sand filling in foundation trenches and at the back of abutments, wing-walls etc. with good local sand free from earth in layers not exceeding 15 cm. including inundating each layer by profuse water and poking and ramming layer by layer complete including supply of sand. Quality of sand is to be approved by the Engineer-in-charge.	0.900	cum	626.23	Rupees Six Hundred Twenty Six And Twenty Three Paise Only	564.00
20	Providing and Laying Reinforced Cement Concrete Pipe 300 mm dia NP3 as per design in Single Row Providing and laying reinforced cement concrete pipe NP3 with spigot socket for culverts on first class bedding of granular material in single row including fixing with cement mortar 1:2 as per Technical Specification Clause 1106 for Rural Roads of MORD	10.000	Mtr	1347.92	Rupees One Thousand Three Hundred Forty Seven And Ninety Two Paise Only	13479.00
21	Providing and Laying Reinforced Cement Concrete Pipe 600 mm dia NP3 as per design in Single Row Providing and laying reinforced cement concrete pipe NP3 with spigot socket for culverts on first class bedding of granular material in single row including fixing with cement mortar 1:2 as per	10.000	Mtr	2827.44	Rupees Two Thousand Eight Hundred Twenty Seven And Forty Four Paise Only	28274.00
	Total estimated cost in Figures:					**3893945.00**
	Goods and Service Tax (GST @ 12%)	3893945.00	GST	0.12		**467273.00**
	Labour Welfare cess(LWC) @1%	4361218.00	Cess	0.01		**43612.00**
	Total					**4404830.00**
	Quoted rate in Words	**Rupees Forty Four Lakhs Four Thousand Eight Hundred Thirty Only**				

Tender Inviting Authority : Executive Engineer, Paschim Medinipur Zilla Parishad

Name of Work : REPAIR OF ROAD FROM PAPARARA (DANIS MAHAMAD HOUSE) TO KHATRANGA(LENGTH 0.900 KM) UNDER PAPARARA GP WITHIN KHARAGPUR-II PS IN PASCHIM MEDINIPUR.

Contract No. : PMD/N-71/2019-20 (SL No:06)

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 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 nserviceable 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 Specifications Clause 201 for Rural Roads of MORD.II) By Mechanical Means a) In area of non-thorny jungle	0.0900	hectare	23363.00	Rupees Twenty Three Thousand Three Hundred Sixty Three Only	2103.00
2	Removing all types of Hume pipes and stacking within a lead of 1000 m including Earthwork and Dismantling of Masonry Works as per Technical Specification Clause 202 for Rural Roads of MORD Upto 600 mm dia Hume pipe	20.0000	Mtr	154.00	Rupees One Hundred Fifty Four Only	3080.00
3	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5 for Rural Roads of MORD. (Mode of measurement: pre works and post works	543.800	Cum	110.60	Rupees One Hundred Ten And Sixty Paise Only	60144.00
4	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 for Rural Roads of MORD. (Borrow pit /pre work post work measurement)	324.000	Cum	119.80	Rupees One Hundred Nineteen And Eighty Paise Only	38815.00
5	Construction of Embankment with Material Obtained from Borrow Pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5 for Rural Roads of MORD. (Mode of measurement: pre works and post works)Extra for carriage of all kinds of earth by Mechanical Transport:a) Carriage up to total lead of 1.0 km.	121.500	Cum	205.60	Rupees Two Hundred Five And Sixty Paise Only	24980.00
6	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 for Rural Roads of MORD. (Borrow pit /pre work post work measurement))Extra for carriage of all kinds of earth by Mechanical Transport:a) Carriage up to total lead of 1.0 km.	108.000	Cum	214.80	Rupees Two Hundred Fourteen And Eighty Paise Only	23198.00
7	Supplying, spreading and consolidating Moorum to a depth of 75 mm at desired density and C.B.R. as perspecification with power roller to proper gradient andcamberincluding watering as necessary, and lighting,guarding, barricading and making adequate earthenbundh where necessary to protect the edges and curingwith water for 2 to 3 days, mending cracks by rollingwhere necessary including allincidental charges ofroller, cost of fuel & lubricants etc. complete as per specification. The compaction factor may be taken as0.67. (Payment will be made on the basis of finished surfaced area)	374.625	cum	1088.41	Rupees One Thousand Eighty Eight And Forty One Paise Only	407746.00

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
8	Water Bound Macadam Sub Base by consolidating Jhama bricks bats of specific size in hard crust to requisite thickness (measured after compaction) in layers including screening of metals etc. as necessary, hand packing, sweeping, watering and rolling in stages with power roller to proper line, grade and camber, lighting, guarding & barricading and making necessary earthen bundh of one metre width on each side where necessary to protect edges and preparing the bed by necessary cutting or filling and rolling all complete including the cost of all materials and hire and labour charges of all men and machineries and compacting to the required density, as per Clause 404 of Specifications for Road & Bridge Works of MoRT&H (5th Revision)For Construction of Sub Base by consolidating Jhama metal (63 mm to 45 mm) with moorum screening :	253.125	cum	2102.63	Rupees Two Thousand One Hundred Two And Sixty Three Paise Only	532228.00
9	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening / binding materials to fill up the interstices of coarse aggregate, watering including lighting, guarding, barricading and making necessary earthen bundh of one metre width on each side and preparing the bed by necessary cutting or filling, including cost of all materials and hire and labour charges of all men and machinery and compacting to the required density, as per Clause 404 of Specifications for Road & Bridge Works of MoRT&H (5th Revision). (i) Grading-I Aggregate (63 mm to 45 mm) Using Stone Screening Type B(11.2 mm)	253.125	cum	3088.39	Rupees Three Thousand Eighty Eight And Thirty Nine Paise Only	781749.00
10	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with vibratory roller 8-10 tonnes in stages to proper grade and camber, applying andbrooming requisite type of screening / binding materials to fill up the interstices of coarse aggregate,watering including lighting, guarding, barricading and making necessary earthen bundh of one metre width on each side and preparing the bed by necessary cutting or filling, including cost of all materials and hire and labour charges of all men and machinery and compacting to the required density, as per Clause 404 of Specifications for Road & Bridge Works of MoRT&H (5th Revision) (iii) Grading-II Aggregate (53 mm to 22.4 mm) Using stone Screening Type B (11.2 mm) B. Manual Means	253.125	cum	3119.01	Rupees Three Thousand One Hundred Nineteen And One Paise Only	789499.00
11	Providing and applying primer coat with Cationic Bitumen Emulsion of approved grade conforming to IS: 8887-1978 and requisite quantity on prepared surface of granular base including cleaning of road surface and spraying primer using Mechanical means including cost and carriage of bitumen emulsion and all other incidental costs of work complete as per Clause 502 of Specifications for Road & Bridge Works of MoRT&H (5th Revision). (i) For WBM / WMM Surface: (with primer @ 0.70-1.0 kg/sqm)	3375.000	sqm	36.18	Rupees Thirty Six And Eighteen Paise Only	122108.00

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
12	Providing and applying tack coat with Cationic Bitumen Emulsion of approved grade conforming to IS: 8887-1978 on the prepared surface cleaned with Hydraulic broom, moistening the surface including cost and carriage of emulsion, hire charges of machinery and labour, cost of fuel and lubricants all complete as per Clause 503 of Specifications for Road & Bridge Works of MoRT&H (5th Revision). (i) On Bituminous Surface (Using Bitumen Emulsion at the rate of 0.20 to 0.30 kg per sqm.)	3375.000	sqm	11.50	Rupees Eleven And Fifty Paise Only	38813.00
13	Providing, laying and rolling of Open - graded premix surfacing of 20 mm thickness composed of 13.2 mm (@ 0.018 m^3 per m^2) and 11.2 mm (@ 0.009 m^3 per m^2) size stone aggregates, including thoroughly cleaning of the surface, screening, cleaning and pre-heating stone chips and fully pre-coating the same either using viscosity grade paving bitumen or cut-back or emulsion,carrying the mixture by any suitable arrangements,laying the mixture uniformly over the surface, including line, grade and level to serve as wearing course on a previously prepared base, including mixing in Mobile Hot Mix Plant (Light Duty) and thoroughly rolling with a smooth wheeled roller 8-10 tonne capacity, finished to required level and grades including the cost and carriage of stone chips and matrix, heating the matrix, preheating the aggregates to required temperature and including the hire charges of Mobile Hot Mix Plant (Light Duty) and other machinery, pay of operators, cost of fuel and lubricants etc. complete to be followed by seal coat of either Type A or Type B as per Technical Specification Clause 508 for Rural Roads of MORD.7	3375.000	sqm	127.36	Rupees One Hundred Twenty Seven And Thirty Six Paise Only	429840.00
14	Providing and laying Premixed Seal Coat (Type B) with approved quality sand/grit @ 0.6 m3/ 100 m2 and bitumen binder on thoroughly cleaned black top surface coated with tack coat, including heating and mixing cleaned sand/grit (100 % passing through 2.36 mm sieve and retained on 180 micron sieve) uniformly with bitumen binder, laying and spreading the mix at an uniform rate using suitable means, brushing the surface, if necessary, to ensure uniformity, followed by rolling with power roller including the cost and carriage of binder and aggregates, cost of heating the binder and aggregates and all other incidental charges, cost of fuel and lubricants, including hire charges of machineries, tools & plants required for construction and quality control complete as per Clause 511 of Specifications for Road & Bridge Works of MoRT&H (5th Revision) .II By Manual Means With Hot Bitumen Binder (@ 6.80 kg / 10 sqm.) (Payment will be made on the basis of finished surfaced area).	3375.000	sqm	44.52	Rupees Forty Four And Fifty Two Paise Only	150255.00
15	Providing & fixing Concrete Sign Board as per IRC specification of size 900 x 750 x 37 mm. thick made with RCC 1:1½:3 with pakur variety stone chips reinforced with double layer IRC febric (75 x 75 mm. mesh) and fixed with necessary nuts & bolts on two RC precast posts 100 mm. x 150 mm. of height 2.65 m. of which top 750 mm. is of section 100 x 13 mm. and 1.90 metre above GL & 0.75 metre below GL including digging hole, repacking the same with cement concrete 1:3:6 with jhama khoa or with local stone chips etc. complete including painting two coats on both faces lettering sign marks etc. as per direction of the Engineer-in-Charge. (The rate is inclusive of cost of reinforcement, concrete, shuttering, nuts & bolts, washer etc. complete.)	1.000	each	2230.00	Rupees Two Thousand Two Hundred Thirty Only	2230.00

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
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 801 of Specifications for Road & Bridge Works of MoRT&H (5th Revision)	4005.000	per cm per letter	0.50	Rupees And Fifty Paise Only	2003.00
17	Supplying Eucalyptus-bullah piles at work site, including dressing and making one end pointed. i. 150 mm dia. 5 m length main post @0.75 c/c 2.5 m length tie post @2.5 m c/c	435.500	Mtr	217.00	Rupees Two Hundred Seventeen Only	94504.00
18	Supplying Eucalyptus-bullah piles at work site, including dressing and making one end pointed. i. 100 mm dia. Alternet 5 m length main post @0.75 c/c 2.5 m length tie bar @2.5 m c/c	760.500	Mtr	96.00	Rupees Ninety Six Only	73008.00
19	Labour for driving Sal-bullah / Eucalyptus bullah piles by monkey in sorts of soil including hoisting andplacing piles in position, protecting the pile headwith iron ring and cutting and shaping heads before and after driving and including hire and labour for necessary driving appliances and all tackles. Note: 1) Payment to be made on the length driven into the ground, diameter of the measured at 1.5m.from the thicker end. (iii) 150mm diameter	290.040	Mtr	105.00	Rupees One Hundred Five Only	30454.00
20	Labour for driving Sal-bullah / Eucalyptus bullah piles by monkey in sorts of soil including hoisting andplacing piles in position, protecting the pile headwith iron ring and cutting and shaping heads before and after driving and including hire and labour for necessary driving appliances and all tackles. Note: 1) Payment to be made on the length driven into the ground, diameter of the measured at 1.5m.from the thicker end. (i) 100mm diameter	350.510	Mtr	83.00	Rupees Eighty Three Only	29092.00
21	Labour for fitting & fixing 100mm to 125 mm dia bollah as tie and runners including ecessary nails, bolts, nuts etc.	261.630	Mtr	20.60	Rupees Twenty And Sixty Paise Only	5390.00
22	Coal tarring on runner ,tie bar ,tie post, main post (a) Double coat	443.920	Sqm	36.00	Rupees Thirty Six Only	15981.00
23	Supply of empty cement bags and filling empty cement bag with dry earth or sand , stitching the bag (cost of thread included) and carring and placing them in posotion and all incidental charges complete including cost of gunny bags.	1086.000	No	6.80	Rupees Six And Eighty Paise Only	7385.00
24	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, removing, spreading or stacking of spoils within a lead of 150 m. as directed and including trimming the sides of the trenches, leveling, dressing and ramming the bottom, and backfilling with approved material complete as per direction of the Engineer-in-Charge	18.380	Cum	104.00	Rupees One Hundred Four Only	1912.00
25	Earthwork in filling in foundation trenches with good earth in layers not exceeding 15cm. including watering and ramming layer by layer complete with earth obtained from excavation of foundation or from fresh excavation of land arranged by Department within a lead of 150 m	3.700	Cum	92.00	Rupees Ninety Two Only	340.00
26	Sand filling in foundation trenches and at the back of abutments, wing-walls etc. with good local sand free from earth in layers not exceeding 15 cm. including inundating each layer by profuse water and poking and ramming layer by layer complete including supply of sand. Quality of sand is to be approved by the Engineer-in-charge.	1.688	cum	626.23	Rupees Six Hundred Twenty Six And Twenty Three Paise Only	1057.00

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
27	Providing and Laying Reinforced Cement Concrete Pipe 300 mm dia NP3 as per design in Single Row Providing and laying reinforced cement concrete pipe NP3 with spigot socket for culverts on first class bedding of granular material in single row including fixing with cement mortar 1:2 as per Technical Specification Clause 1106 for Rural Roads of MORD	22.500	Mtr	1421.92	Rupees One Thousand Four Hundred Twenty One And Ninety Two Paise Only	31993.00
28	Providing and Laying Reinforced Cement Concrete Pipe 600 mm dia NP3 as per design in Single Row Providing and laying reinforced cement concrete pipe NP3 with spigot socket for culverts on first class bedding of granular material in single row including fixing with cement mortar 1:2 as per Technical Specification Clause 1106 for Rural Roads of MORD	15.000	Mtr	2901.44	Rupees Two Thousand Nine Hundred One And Forty Four Paise Only	43522.00
	Total estimated cost in Figures:					**3743429.00**
	Goods and Service Tax (GST @ 12%)	3743429.00	GST	0.12		**449211.00**
	Labour Welfare cess(LWC) @1%	4192640.00	Cess	0.01		**41926.00**
	Total					**4234566.00**
	Quoted rate in Words	**Rupees Forty Two Lakhs Thirty Four Thousand Five Hundred Sixty Six Only**				

Tender Inviting Autority: Executive Engineer Paschim Medinipur Zilla Parishad

Name of Work: REPAIR OF ROAD FROM BARUNA BHUTA(KALI TALA) TO BARUNA HIGH SCHOOL (LENGTH 0.300 KM) SAHACHAK GP WITHIN DASPUR-II PS IN PASCHIM MEDINIPUR.

Contract No: PMD/N-71/2019-20 (SL No:10)

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 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 nserviceable 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 Specifications Clause 201 for Rural Roads of MORD. (I) By Manual Means a) In area of non-thorny jungle	0.090	Hec	44978.00	Rupees Forty Four Thousand Nine Hundred Seventy Eight Only	4048.00
2	Construction of Embankment with Material Obtained from Borrow Pits Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5 for Rural Roads of MORD. (Mode of measurement: pre works and post works)Extra for carriage of all kinds of earth by Mechanical Transport:a) Carriage up to total lead of 1.0 km.	157.500	Cum	205.60	Rupees Two Hundred Five And Sixty Paise Only	32382.00
3	Providing and laying Design Mix concrete for plain cement concrete work in any part of bridge excluding bottom plugging) with coarse aggregates of appropriate nominal size and grading, fine aggregate (sand) conforming to proper grading zone, both of approved quality and cement, as necessary, including labour, cost and carriage of all materials and including preparation of design mix, approval of the same by the Engineer-in-Charge and cost for quality control, sampling, testing etc. all complete but excluding cost of labour and materials for formwork & reinforcement works. (a) M-30 Grade Using concrete mixer	218.025	Cum	5684.93	Rupees Five Thousand Six Hundred Eighty Four And Ninety Two Paise Only	1239456.00
4	Hire and labour charges for Shuttering with or without staging upto 4.0 m height using approved stout props with wooden planks/ply wood/steel sheet plate with required bracing for any kind of plain or reinforced concrete works in all sorts of minor structure including culvert, box culvert, crossdrain etc. The rate is inclusive of fitting, fixing and striking out after completion of work as perspecification and direction. (b) Where staging is not required.	157.463	Sqm	214.00	Rupees Two Hundred Fourteen Only	33697.00
5	Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches	1125.000	Sqm	24.00	Rupees Twenty Four Only	27000.00
6	Providing & fixing Concrete Sign Board as per IRC specification of size 900 x 750 x 37 mm. thick made with RCC 1:1½:3 with pakur variety stone chips reinforced with double layer IRC febric (75 x 75 mm. mesh) and fixed with necessary nuts & bolts on two RC precast posts 100 mm. x 150 mm. of height 2.65 m. of which top 750 mm. is of section 100 x 13 mm. and 1.90 metre above GL & 0.75 metre below GL including digging hole, repacking the same with cement concrete 1:3:6 with jhama khoa or with local stone chips etc. complete including painting two coats on both faces lettering sign marks etc. as per direction of the Engineer-in-Charge. (The rate is inclusive of cost of reinforcement, concrete, shuttering, nuts & bolts, washer etc. complete.)	1.000	each	2230.00	Rupees Two Thousand Two Hundred Thirty Only	2230.00
7	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 801 of Specifications for Road & Bridge Works of MoRT&H (5th Revision)	4000.000	cm per letter	0.50	Rupees And Fifty Paise Only	2000.00
	Total estimated cost in Figures:					1340813.00
	Goods and Service Tax (GST @ 12%)	1340813.00	GST	0.12		**160897.00**
	Labour Welfare cess(LWC) @1%	1501710.00	Cess	0.01		**15017.00**
	Total					**1516727.00**

Quoted rate in Words	**Rupees Fifteen Lakhs Sixteen Thousand Seven Hundred Twenty Seven Only**

Tender Inviting Autority: Executive Engineer Paschim Medinipur Zilla Parishad

Name of Work: REPAIR OF ROAD FROM NH-60 MILITARY ROAD TO NORSINGPUR (LENGTH 0.600+0.200 KM) AT SANKOA GP WITHIN KHARAGPUR-II PS IN PASCHIM MEDINIPUR.

Contract No: PMD/N-71/2019-20 (SL No:12)

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 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 Specifications Clause 201 for Rural Roads of MORD.II) By Mechanical Means a) In area of non-thorny jungle	0.040	hectare	23363.00	Rupees Twenty Three Thousand Three Hundred Sixty Three Only	935.00
2	Removing all types of Hume pipes and stacking within a lead of 1000 m including Earthwork and Dismantling of Masonry Works as per Technical Specification Clause 202 for Rural Roads of MORD Upto 600 mm dia Hume pipe	20.000	Mtr	154.00	Rupees One Hundred Fifty Four Only	3080.00
3	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5 for Rural Roads of MORD. (Mode of measurement: pre works and post works) .	1021.400	Cum	110.60	Rupees One Hundred Ten And Sixty Paise Only	112967.00
4	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 for Rural Roads of MORD. (Borrow pit /pre work post work measurement)	967.200	Cum	119.80	Rupees One Hundred Nineteen And Eighty Paise Only	115871.00
5	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5 for Rural Roads of MORD. (Mode of measurement: pre works and post works)Extra for carriage of all kinds of earth by Mechanical Transport:a) Carriage up to total lead of 1.0 km.	241.800	Cum	205.60	Rupees Two Hundred Five And Sixty Paise Only	49714.00
6	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 for Rural Roads of MORD. (Borrow pit /pre work post work measurement) Extra for carriage of all kinds of earth by Mechanical Transport:a) Carriage up to total lead of 1.0 km.	241.800	Cum	214.80	Rupees Two Hundred Fourteen And Eighty Paise Only	51939.00
7	Supplying, spreading and consolidating Moorum to a depth of 75 mm at desired density and C.B.R. as perspecification with power roller to proper gradient andcamberincluding watering as necessary, and lighting,guarding, barricading and making adequate earthen bundh where necessary to protect the edges and curingwith water for 2 to 3 days, mending cracks by rollingwhere necessary including allincidental charges ofroller, cost of fuel & lubricants etc. complete as per specification. The compaction factor may be taken as0.67. (Payment will be made on the basis of finished surfaced area)	431.069	cum	989.16	Rupees Nine Hundred Eighty Nine And Sixteen Paise Only	426396.00

8	Water Bound Macadam Sub Base by consolidating Jhama bricks bats of specific size in hard crust to requisite thickness (measured after compaction) in layers including screening of metals etc. as necessary, hand packing, sweeping, watering and rolling in stages with power roller to proper line, grade and camber, lighting, guarding & barricading and making necessary earthen bundh of one metre width on each side where necessary to protect edges and preparing the bed by necessary cutting or filling and rolling all complete including the cost of all materials and hire and labour charges of all men and machineries and compacting to the required density, as per Clause 404 of Specifications for Road & Bridge Works of MoRT&H (5th Revision)For Construction of Sub Base by consolidating Jhama metal (63 mm to 45 mm) with moorum screening :	231.222	cum	2085.34	Rupees Two Thousand Eighty Five And Thirty Four Paise Only	482176.00
9	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening / binding materials to fill up the interstices of coarse aggregate, watering including lighting, guarding, barricading and making necessary earthen bundh of one metre width on each side and preparing the bed by necessary cutting or filling, including cost of all materials and hire and labour charges of all men and machinery and compacting to the required density, as per Clause 404 of Specifications for Road & Bridge Works of MoRT&H (5th Revision). (i) Grading-I Aggregate (63 mm to 45 mm) Using Stone Screening Type B(11.2 mm)	231.222	cum	3029.81	Rupees Three Thousand Twenty Nine And Eighty One Paise Only	700559.00
10	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with vibratory roller 8-10 tonnes in stages to proper grade and camber, applying andbrooming requisite type of screening / binding materials to fill up the interstices of coarse aggregate,watering including lighting, guarding, barricading and making necessary earthen bundh of one metre width on each side and preparing the bed by necessary cutting or filling, including cost of all materials and hire and labour charges of all men and machinery and compacting to the required density, as per Clause 404 of Specifications for Road & Bridge Works of MoRT&H (5th Revision) (iii) Grading-II Aggregate (53 mm to 22.4 mm) Using stone Screening Type B (11.2 mm) B. Manual Means	231.222	cum	3060.43	Rupees Three Thousand Sixty And Forty Three Paise Only	707639.00
11	Providing and applying primer coat with Cationic Bitumen Emulsion of approved grade conforming to IS: 8887-1978 and requisite quantity on prepared surface of granular base including cleaning of road surface and spraying primer using Mechanical means including cost and carriage of bitumen emulsion and all other incidental costs of work complete as per Clause 502 of Specifications for Road & Bridge Works of MoRT&H(5th Revision). (i) For WBM / WMM Surface: (with primer @ 0.70-1.0 kg/sqm)	3082.950	sqm	36.16	Rupees Thirty Six And Sixteen Paise Only	111479.00
12	Providing and applying tack coat with Cationic Bitumen Emulsion of approved grade conforming to IS: 8887-1978 on the prepared surface cleaned with Hydraulic broom, moistening the surface including cost and carriage of emulsion, hire charges of machinery and labour, cost of fuel and lubricants all complete as per Clause 503 of Specifications for Road & Bridge Works of MoRT&H (5th Revision). (i) On Bituminous Surface (Using Bitumen Emulsion at the rate of 0.20 to 0.30 kg per sqm.)	3082.950	sqm	11.50	Rupees Eleven And Fifty Paise Only	35454.00

13	Providing, laying and rolling of Open - graded premix surfacing of 20 mm thickness composed of 13.2 mm (@ 0.018 m³ per m²) and 11.2 mm (@ 0.009 m³ per m²) size stone aggregates, including thoroughly cleaning of the surface, screening, cleaning and pre-heating stone chips and fully pre-coating the same either using viscosity grade paving bitumen or cut-back or emulsion,carrying the mixture by any suitable arrangements,laying the mixture uniformly over the surface, including line, grade and level to serve as wearing course on a previously prepared base, including mixing in Mobile Hot Mix Plant (Light Duty) and thoroughly rolling with a smooth wheeled roller 8-10 tonne capacity, finished to required level and grades including the cost and carriage of stone chips and matrix, heating the matrix, preheating the aggregates to required temperature and including the hire charges of Mobile Hot Mix Plant (Light Duty) and other machinery, pay of operators, cost of fuel and lubricants etc. complete to be followed by seal coat of either Type A or Type B as per Technical Specification Clause 508 for Rural Roads of MORD.7	3082.950	sqm	126.25	Rupees One Hundred Twenty Six And Twenty Five Paise Only	389222.00
14	Providing and laying Premixed Seal Coat (Type B) with approved quality sand/grit @ 0.6 m3/ 100 m2 and bitumen binder on thoroughly cleaned black top surface coated with tack coat, including heating and mixing cleaned sand/grit (100 % passing through 2.36 mm sieve and retained on 180 micron sieve) uniformly with bitumen binder, laying and spreading the mix at an uniform rate using suitable means, brushing the surface, if necessary, to ensure uniformity, followed by rolling with power roller including the cost and carriage of binder and aggregates, cost of heating the binder and aggregates and all other incidental charges, cost of fuel and lubricants, including hire charges of machineries, tools & plants required for construction and quality control complete as per Clause 511 of Specifications for Road & Bridge Works of MoRT&H (5th Revision) .II By Manual Means With Hot Bitumen Binder (@ 6.80 kg / 10 sqm.) (Payment will be made on the basis of finished surfaced area).	3082.950	sqm	44.26	Rupees Forty Four And Twenty Six Paise Only	136451.00
15	Providing & fixing Concrete Sign Board as per IRC specification of size 900 x 750 x 37 mm. thick made with RCC 1:1½:3 with pakur variety stone chips reinforced with double layer IRC febric (75 x 75 mm. mesh) and fixed with necessary nuts & bolts on two RC precast posts 100 mm. x 150 mm. of height 2.65 m. of which top 750 mm. is of section 100 x 13 mm. and 1.90 metre above GL & 0.75 metre below GL including digging hole, repacking the same with cement concrete 1:3:6 with jhama khoa or with local stone chips etc. complete including painting two coats on both faces lettering sign marks etc. as per direction of the Engineer-in-Charge. (The rate is inclusive of cost of reinforcement, concrete, shuttering, nuts & bolts, washer etc. complete.)	2.000	each	2230.00	Rupees Two Thousand Two Hundred Thirty Only	4460.00
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 801 of Specifications for Road & Bridge Works of MoRT&H (5th Revision)	4016.000	per cm per letter	0.50	Rupees And Fifty Paise Only	2008.00
17	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, removing, spreading or stacking of spoils within a lead of 150 m. as directed and including trimming the sides of the trenches, leveling, dressing and ramming the bottom, and backfilling with approved material complete as per direction of the Engineer-in-Charge	13.130	Cum	104.00	Rupees One Hundred Four Only	1366.00
18	Earthwork in filling in foundation trenches with good earth in layers not exceeding 15cm. including watering and ramming layer by layer complete with earth obtained from excavation of foundation or from fresh excavation of land arranged by Department within a lead of 150 m	2.625	Cum	92.00	Rupees Ninety Two Only	242.00
19	Sand filling in foundation trenches and at the back of abutments, wing-walls etc. with good local sand free from earth in layers not exceeding 15 cm. including inundating each layer by profuse water and poking and ramming layer by layer complete including supply of sand. Quality of sand is to be approved by the Engineer-in-charge.	1.688	Cum	626.23	Rupees Six Hundred Twenty Six And Twenty Three Paise Only	1057.00

20	Providing and Laying Reinforced Cement Concrete Pipe 300 mm dia NP3 as per design in Single Row Providing and laying reinforced cement concrete pipe NP3 with spigot socket for culverts on first class bedding of granular material in single row including fixing with cement mortar 1:2 as per Technical Specification Clause 1106 for Rural Roads of MORD	22.500	Mtr	1368.72	Rupees One Thousand Three Hundred Sixty Eight And Seventy Two Paise Only	30796.00
21	Providing and Laying Reinforced Cement Concrete Pipe 600 mm dia NP3 as per design in Single Row Providing and laying reinforced cement concrete pipe NP3 with spigot socket for culverts on first class bedding of granular material in single row including fixing with cement mortar 1:2 as per Technical Specification Clause 1106 for Rural Roads of MORD	7.500	Mtr	2848.24	Rupees Two Thousand Eight Hundred Forty Eight And Twenty Four Paise Only	21362.00
	Total estimated cost in Figures:					3385173.00
	Goods and Service Tax (GST @ 12%)	3385173.00	GST	0.12		**406220.00**
	Labour Welfare cess(LWC) @1%	3791393.00	Cess	0.01		**37914.00**
	Total					**3829307.00**
	Quoted rate in Words	**Rupees Thirty Eight Lakhs Twenty Nine Thousand Three Hundred Seven Only**				