Group-D

Office of the Executive Engineer West Bengal State Rural Development Agency (WBSRDA) Murshidabad Division

Panchanantala ● Berhampore ● Murshidabad Phone No: 03482-251040 & Fax No: 03482-251040

Memo No. 0501/MD/SRDA

Dated 19th November, 2009

Corrigendum Notice for N.I.T. No. 1 of 2009-10 under this office memo no. 0474/MD/SRDA/N.I.T.-1 dated 29.10.2009

The name of the road will be read at shown in the Corrigendum Notice on dated 18/11/2009 specially for the Group-'D'. All other items will remain unchanged.

Executive Engineer W.B.S.R.D.A. Murshidabad Division

Estimate for Maintenance of the road

1 Name of the Road:- Rameswarbati to Block Office

2 Package No:- WB-1302

3 Name of Block:- Bhagawangola I

4 Length of the Road (In Km.):- 1.00

5 5 years defect liability period has been over on: 11.10.2007

Item No.	Description of Items	Unit	Quantity	Rate	Amount
1	Page No. 37, Item No15.3(1) of Schedule of Rates (WBSRDA) Maintenance of Bituminous surface Road:- Repair to pot holes by removal of failed material, trimming the sides to vertical and levelling the bottom, cleaning the same with compressed air or any appropriate method filled with 75 mm (are) BM using 40 mm nominal size coarse aggregate (grade R materials and 3.50% Bitumen (S-65) applying bitumen emulsion prime coat at the bottom and bitumen emulsion tack coat on sides and on bottom @ 9 Kg/ 10Sqm as per technical specifications Clauses 502 and 503 & 504.	Cum	4.00	4605.84	18423.35
2	Page No. 17, Item No5.2 of Schedule of Rates (WBSRDA) <u>Tack Coat</u> with <u>Bitumen Emulsion:</u> Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.20 to 0.25 Kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503 of Specification of Rural Roads.	sqm	475.00	7.77	3689.21
3	Page No. 17, Item No5.9 of Schedule of Rates(WBSRDA) <u>20 mm</u> thick Open-Graded Premix Carpet using Bituminous (penetration grade I modified bitumen) Binder:- Providing, laying and rolling of open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion 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 80-100 kN static roller capacity, finished to required level and grades as per Technical Specification Clause 508 of Specification of Rural Roads including lighting, guarding, barricading etc. complete. Case - I By Manual Means (Using Mixall) (II) Bitumen (S-65)	sqm	475.00	116.35	55267.59
4	Page No. 17, Item No5.12 of Schedule of Rates (WBSRDA) Seal Coat Providing and laying seal coat seaing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A, Type B and Type C as per Technical Specification Clause 510 of Specification of Rural Roads. A. By Manual Means (Using Mixall) Case - II : Type B (II) Bitumen (S-65)		475.00	39.02	18532.80

Item No.	Description of Items	Unit	Quantity	Rate	Amount
5	Page No. 37, Item No15.2 of Schedule of Rates (WBSRDA) 1. Maintenance of Earthen Shoulders (Filling with selected soil):- Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC up to a lead of 1000 m as per Technical Specification Clause 1903 of specification of Rural Roads. Construction wing will add cost of any materials if required for the maintenance.	sqm	500.00	12.28	6140.00
	2. <u>Maintenance of Earthen Shoulders (Stripping of excess soil):</u> - Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor at OMC as per drawing and Technical Specification Clause 1903 of specification of Rural Roads.	sqm	500.00	5.49	2745.00
6	Page No. 27, Item No. 10.10 of Schedule of Rates (WBSRDA) Kilometre Stone:- Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Tenchnical Specification Clause 1703 of Specification of Rural Roads. Ordinary Kilometre Stone (Precast):- Construction wing will add cost of 0.269 cum M-15 Cement Concrete and 1.88 Kg of Steel reinforcement.	no.	3	1182.17	3546.51
7	Page No. 27, Item No. 10.16 of Schedule of Rates (WBSRDA) Providing and Flxing 'Loge' of PMGSY Project:- Providing and fixing of typical PMGSY 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 25 mm x 5 m size on back on edges. The lower palte will be welded with MS angle iron frame of 25 mm x 25 mm x 5 m. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75 mm x 75 mm of 12 SWG sheettubes posts duly embedded in cement concrete M-15 grade blocks of 450 mm x 450 mm x 600 mm, 600 mm below ground level. The top most diamond plate will be welded to middle plate by 47 mm x 47 mm of 12 SWG steel palte 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 Construction wing will add cost of 0.252 cum M-15 Cement Concrete	no.	1	6720.29	6720.29
8	Preparation of As built drawing of this road by Total Station or by campus survey with detail objects / structual submission in A3 Size paper with plastic		1	3000.00	3000.00
	cover & spiril binding - 2 copies. Total				118064.76

Estimate for Maintenance of the road

1 Name of the Road:- Sekherpara to Nashipur G.P. Office

2 Package No:- WB-1302

3 Name of Block:- Bhagawangola-II

4 Length of the Road (In Km.):- 1.15

5 5 years defect liability period has been over on: 21.08.2008

Item No.	Description of Items	Unit	Quantity	Rate	Amount
1	Page No. 37, Item No15.3(1) of Schedule of Rates (WBSRDA) Maintenance of Bituminous surface Road:- Repair to pot holes by removal of failed material, trimming the sides to vertical and levelling the bottom, cleaning the same with compressed air or any appropriate method filled with 75 mm (are) BM using 40 mm nominal size coarse aggregate (grade R materials and 3.50% Bitumen (S-65) applying bitumen emulsion prime coat at the bottom and bitumen emulsion tack coat on sides and on bottom @ 9 Kg/ 10Sqm as per technical specfications Clauses 502 and 503 & 504.	Cum	5.00	4792.88	23964.40
2	Page No. 17, Item No5.2 of Schedule of Rates (WBSRDA) <u>Tack Coat</u> with <u>Bitumen Emulsion:</u> Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.20 to 0.25 Kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503 of Specification of Rural Roads.	sqm	390.00	7.77	3030.26
3	Page No. 17, Item No5.9 of Schedule of Rates(WBSRDA) <u>20 mm</u> thick Open-Graded Premix Carpet using Bituminous (penetration grade / modified bitumen) Binder:- Providing, laying and rolling of open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion 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 80-100 kN static roller capacity, finished to required level and grades as per Technical Specification Clause 508 of Specification of Rural Roads including lighting, guarding, barricading etc. complete. Case - I By Manual Means (Using Mixall) (II) Bitumen (S-65)	sqm	390.00	119.93	46773.44
	Page No. 17, Item No5.12 of Schedule of Rates (WBSRDA) Seal Coat Providing and laying seal coat seaing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A, Type B and Type C as per Technical Specification Clause 510 of Specification of Rural Roads. A. By Manual Means (Using Mixall) Case - II: Type B (II) Bitumen (S-65)		390.00	39.82	15528.52

Item No.	Description of Items	Unit	Quantity	Rate	Amount
5	Page No. 37, Item No15.1 of Schedule of Rates (WBSRDA) Restoration of Rain Cuts:- Restoration or rain cuts with soil, moorum gravel or a mixture of these, clearing the loose soil, benching for 300 mm width laying fresh material in layers not exceeding 250 mm and compaction with plate compactor or power rammer to restore the original alignment, level and slopes as per drawings and technical specifications Clause 1902 of Specification of Rural Roads. A. Manual Means	cum	110.00	75.61	8317.10
6	Page No. 37, Item No15.2 of Schedule of Rates (WBSRDA) 1. Maintenance of Earthen Shoulders (Filling with selected soil):- Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC up to a lead of 1000 m as per Technical Specification Clause 1903 of specification of Rural Roads. Construction wing will add cost of any materials if required for the maintenance.	sqm	450.00	12.28	5526.00
	2. Maintenance of Earthen Shoulders (Stripping of excess soil):- Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor at OMC as per drawing and Technical Specification Clause 1903 of specification of Rural Roads.	sqm	506.00	5.49	2777.94
7	Page No. 27, Item No. 10.10 of Schedule of Rates (WBSRDA) Kilometre Stone:- Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Tenchnical Specification Clause 1703 of Specification of Rural Roads. Ordinary Kilometre Stone (Precast):- Construction wing will add cost of 0.269 cum M-15 Cement Concrete and 1.88 Kg of Steel reinforcement.	no.	2	1182.17	2364.34
8	Page No. 27, Item No. 10.16 of Schedule of Rates (WBSRDA) Providing and Flxing 'Loge' of PMGSY Project:- Providing and fixing of typical PMGSY 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 25 mm x 5 m size on back on edges. The lower palte will be welded with MS angle iron frame of 25 mm x 25 mm x 5 m. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75 mm x 75 mm of 12 SWG sheettubes posts duly embedded in cement concrete M-15 grade blocks of 450 mm x 450 mm x 600 mm, 600 mm below ground level. The top most diamond plate will be welded to middle plate by 47 mm x 47 mm of 12 SWG steel palte 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 Construction wing will add cost of 0.252 cum M-15 Cement Concrete	no.	1	6720.29	6720.29

Item No.	Description of Items	Unit	Quantity	Rate	Amount
	Preparation of As built drawing of this road by Total Station or by campus survey with detail objects / structual submission in A3 Size paper with plastic		1	3000.00	3000.00
	cover & spiril binding - 2 copies. Total				118002.30

Estimate for Maintenance of the road for :-

1 Name of the Road:- Skpara to Khularpukur

2 Package No:- WB-1302

3 Name of Block:- Bhagawangola

4 Length of the Road (In Km.):- 1.00

5 5 years defect liability period has been over on: 08.07.2008

Item No.	Description of Items	Unit	Quantity	Rate	Amount
1	Page No. 37, Item No15.3(1) of Schedule of Rates (WBSRDA) Maintenance of Bituminous surface Road:- Repair to pot holes by removal of failed material, trimming the sides to vertical and levelling the bottom, cleaning the same with compressed air or any appropriate method filled with 75 mm (are) BM using 40 mm nominal size coarse aggregate (grade R materials and 3.50% Bitumen (S-65) applying bitumen emulsion prime coat at the bottom and bitumen emulsion tack coat on sides and on bottom @ 9 Kg/ 10Sqm as per technical specifications Clauses 502 and 503 & 504.	Cum	5.50	4605.84	25332.11
2	Page No. 17, Item No5.2 of Schedule of Rates (WBSRDA) Tack Coat with Bitumen Emulsion:- Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.20 to 0.25 Kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503 of Specification of Rural Roads.	sqm	386.00	7.77	2997.97
3	Page No. 17, Item No5.9 of Schedule of Rates(WBSRDA) <u>20 mm</u> thick Open-Graded Premix Carpet using Bituminous (penetration grade I modified bitumen) Binder:- Providing, laying and rolling of open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion 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 80-100 kN static roller capacity, finished to required level and grades as per Technical Specification Clause 508 of Specification of Rural Roads including lighting, guarding, barricading etc. complete. Case - I By Manual Means (Using Mixall) (II) Bitumen (S-65)	sqm	386.00	116.35	44912.19
4	Page No. 17, Item No5.12 of Schedule of Rates (WBSRDA) Seal Coat Providing and laying seal coat seaing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A, Type B and Type C as per Technical Specification Clause 510 of Specification of Rural Roads. A. By Manual Means (Using Mixall) Case - II: Type B (II) Bitumen (S-65)		386.00	39.02	15060.34

Item No.	Description of Items	Unit	Quantity	Rate	Amount
5	Page No. 37, Item No15.1 of Schedule of Rates (WBSRDA) Restoration of Rain Cuts:- Restoration or rain cuts with soil, moorum gravel or a mixture of these, clearing the loose soil, benching for 300 mm width laying fresh material in layers not exceeding 250 mm and compaction with plate compactor or power rammer to restore the original alignment, level and slopes as per drawings and technical specifications Clause 1902 of Specification of Rural Roads. A. Manual Means	cum	100.00	75.61	7561.00
6	Page No. 37, Item No15.2 of Schedule of Rates (WBSRDA) 1. Maintenance of Earthen Shoulders (Filling with selected soil):- Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC up to a lead of 1000 m as per Technical Specification Clause 1903 of specification of Rural Roads. Construction wing will add cost of any materials if required for the maintenance.	sqm	500.00	12.28	6140.00
	2. Maintenance of Earthen Shoulders (Stripping of excess soil):- Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor at OMC as per drawing and Technical Specification Clause 1903 of specification of Rural Roads.	sqm	500.00	5.49	2745.00
7	Page No. 27, Item No. 10.10 of Schedule of Rates (WBSRDA) Kilometre Stone:- Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Tenchnical Specification Clause 1703 of Specification of Rural Roads. Ordinary Kilometre Stone (Precast):- Construction wing will add cost of 0.269 cum M-15 Cement Concrete and 1.88 Kg of Steel reinforcement.	no.	3	1182.17	3546.51
8	Page No. 27, Item No. 10.16 of Schedule of Rates (WBSRDA) Providing and Flxing 'Loge' of PMGSY Project:- Providing and fixing of typical PMGSY 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 25 mm x 5 m size on back on edges. The lower palte will be welded with MS angle iron frame of 25 mm x 25 mm x 5 m. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75 mm x 75 mm of 12 SWG sheettubes posts duly embedded in cement concrete M-15 grade blocks of 450 mm x 450 mm x 600 mm, 600 mm below ground level. The top most diamond plate will be welded to middle plate by 47 mm x 47 mm of 12 SWG steel palte 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 Construction wing will add cost of 0.252 cum M-15 Cement Concrete	no.	1	6720.29	6720.29

Item No.	Description of Items	Unit	Quantity	Rate	Amount
	Preparation of As built drawing of this road by Total Station or by campus survey with detail objects / structual submission in A3 Size paper with plastic		1	3000.00	3000.00
	cover & spiril binding - 2 copies.				
	Total				118015.41

Estimate for Maintenance of the road

1 Name of the Road:- Tikiapara to Amdahara

2 Package No:- WB-1302

3 Name of Block:- Bhagawangola-II

4 Length of the Road (In Km.):- 1.00

5 5 years defect liability period has been over on: 27.09.2008

Item No.	Description of Items	Unit	Quantity	Rate	Amount
1	Page No. 37, Item No15.3(1) of Schedule of Rates (WBSRDA) Maintenance of Bituminous surface Road:- Repair to pot holes by removal of failed material, trimming the sides to vertical and levelling the bottom, cleaning the same with compressed air or any appropriate method filled with 75 mm (are) BM using 40 mm nominal size coarse aggregate (grade R materials and 3.50% Bitumen (S-65) applying bitumen emulsion prime coat at the bottom and bitumen emulsion tack coat on sides and on bottom @ 9 Kg/ 10Sqm as per technical specfications Clauses 502 and 503 & 504.	Cum	5.00	4792.88	23964.40
2	Page No. 17, Item No5.2 of Schedule of Rates (WBSRDA) <u>Tack Coat</u> with <u>Bitumen Emulsion:</u> Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.20 to 0.25 Kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503 of Specification of Rural Roads.	sqm	400.00	7.77	3107.96
3	Page No. 17, Item No5.9 of Schedule of Rates(WBSRDA) <u>20 mm</u> thick Open-Graded Premix Carpet using Bituminous (penetration grade / modified bitumen) Binder:- Providing, laying and rolling of open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion 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 80-100 kN static roller capacity, finished to required level and grades as per Technical Specification Clause 508 of Specification of Rural Roads including lighting, guarding, barricading etc. complete. Case - I By Manual Means (Using Mixall) (II) Bitumen (S-65)	sqm	400.00	119.93	47972.76
	Page No. 17, Item No5.12 of Schedule of Rates (WBSRDA) Seal Coat Providing and laying seal coat seaing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A, Type B and Type C as per Technical Specification Clause 510 of Specification of Rural Roads. A. By Manual Means (Using Mixall) Case - II: Type B (II) Bitumen (S-65)		400.00	39.82	15926.69

Item No.	Description of Items	Unit	Quantity	Rate	Amount
5	Page No. 37, Item No15.1 of Schedule of Rates (WBSRDA) Restoration of Rain Cuts:- Restoration or rain cuts with soil, moorum gravel or a mixture of these, clearing the loose soil, benching for 300 mm width laying fresh material in layers not exceeding 250 mm and compaction with plate compactor or power rammer to restore the original alignment, level and slopes as per drawings and technical specifications Clause 1902 of Specification of Rural Roads. A. Manual Means	cum	100.00	75.61	7561.00
6	Page No. 37, Item No15.2 of Schedule of Rates (WBSRDA) 1. Maintenance of Earthen Shoulders (Filling with selected soil):- Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC up to a lead of 1000 m as per Technical Specification Clause 1903 of specification of Rural Roads. Construction wing will add cost of any materials if required for the maintenance.	sqm	375.00	12.28	4605.00
	2. <u>Maintenance of Earthen Shoulders (Stripping of excess soil):-</u> Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor at OMC as per drawing and Technical Specification Clause 1903 of specification of Rural Roads.		506.00	5.49	2777.94
7	Page No. 27, Item No. 10.10 of Schedule of Rates (WBSRDA) Kilometre Stone:- Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Tenchnical Specification Clause 1703 of Specification of Rural Roads. Ordinary Kilometre Stone (Precast):- Construction wing will add cost of 0.269 cum M-15 Cement Concrete and 1.88 Kg of Steel reinforcement.	no.	2	1182.17	2364.34
8	Page No. 27, Item No. 10.16 of Schedule of Rates (WBSRDA) Providing and Flxing 'Loge' of PMGSY Project:- Providing and fixing of typical PMGSY 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 25 mm x 5 m size on back on edges. The lower palte will be welded with MS angle iron frame of 25 mm x 25 mm x 5 m. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75 mm x 75 mm of 12 SWG sheettubes posts duly embedded in cement concrete M-15 grade blocks of 450 mm x 450 mm x 600 mm, 600 mm below ground level. The top most diamond plate will be welded to middle plate by 47 mm x 47 mm of 12 SWG steel palte 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 Construction wing will add cost of 0.252 cum M-15 Cement Concrete	no.	1	6720.29	6720.29

Item No.	Description of Items	Unit	Quantity	Rate	Amount
9	Preparation of As built drawing of this road by Total Station or by campus survey with detail objects / structual submission in A3 Size paper with plastic cover & spiril binding - 2 copies.		1	3000.00	3000.00
	Total				118000.38