

SCHEDULE OF RATES

May 2011

(For Road and Bridge Works)

<u>Contents</u>	<u>Page</u>
DIVISION 1 : General & Site Facilities	1
DIVISION 2 : Earthwork	2
DIVISION 3 : Pavement Work	3
DIVISION 4 : Foundation work	4
DIVISION 5 : Structures	6
DIVISION 6 : Incidental	8

Item Type : Division 1 - General & Site Facilities*(All Prices in Taka)*

Item Code	Item Description	Unit of Measurement	Total Unit Price with TAX & VAT
01/01/01	Provision of Temporary Roads, Structures etc.	Lump Sum	72,575.00
01/01/02	Maintain Temp. Structures & Equipment for the Maintenance and Protection of Traffic	day	1,505.00
01/02/01	Supply, Erect and Remove Field Office for Engineer	Lump Sum	225,000.00
01/02/02	Maintenance, Staffing, Security and Cleaning of the Field Office for the Engineer	Month	10,000.00
01/02/03	Provision of Office Equipment and Consumables	Month	7,000.00
01/02/04	Provision, Maintenance and Removal of Sign Boards	Lump Sum	8,000.00
01/02/05	Provision and Maintenance of Survey Equipment	month	800.00
01/02/06	Provision of Insurance for Engineer's Office, Furniture and Equipment	Month	0.00
01/02/07	Progress Photographs	Month	1,000.00
01/03/01	Provide and Remove Site Laboratory & Equipment	Lump Sum	300,000.00
01/03/02	Maintain Site Laboratory	Month	7,000.00
01/03/03	Special or Additional Tests	Provisional Sum	0.00
01/04/01	Saloon Car 1200cc Capacity	Month	50,000.00
01/04/02	Pick- up (Double Cab)	Month	60,000.00
01/04/03	Four Wheel Drive Vehicle Min. 6 seats	Month	70,000.00
01/04/04	Motor Cycle 125cc	Month	4,000.00
01/04/05	Motor Boat min 5m length	Month	15,000.00
01/05/01	Relocation of Public Utilities	Provisional Sum	0.00

Item Type : Division 2 – Earthwork*(All Prices in Taka)*

Item Code	Item Description	Unit of Measurement	Total Unit Price with TAX & VAT
02/01/01	Clearing and Grubbing	sq. metre	28.00
02/02/01	Roadway Excavation in Unsuitable Soil	cu metre	134.00
02/02/02	Roadway Excavation in Suitable Soil	cu metre	134.00
02/02/03	Roadway Excavation in Existing Pavement (not reinforced concrete)	cu metre	220.00
02/02/04	Roadway Excavation in Existing Reinforced Concrete Pavement	cu metre	959.00
02/02/05	Deduction of Value of Suitable Soil Recovered from Existing Road	cu metre	74.00
02/02/06	Deduction of Value of Materials Recovered from existing Road Pavement	cu metre	2,059.00
02/04/01	Channel Excavation in Unsuitable Materials	cu metre	138.00
02/04/02	Channel Excavation in Suitable Material	cu metre	138.00
02/05/01	Excavation and Backfill for Structures	cu metre	287.00
02/05/02	Concrete Backfill for Structures	cu metre	8,392.00
02/05/03	Sand Backfill for Structures	cu metre	1,017.00
2/06/01(a)	Embankment Fill from Excavation on site.	cu metre	201.00
2/06/01(b)	Embankment Fill from Excavation in Borrow pit within the Right - of-way	cu metre	192.00
02/06/02	Embankment fill from borrow pit in contractor's Arranged land	cu metre	250.00
02/06/03	Sand Backfill to Swamp	cu metre	400.00
02/07/01	Preparation of Sub-grade 300 mm Depth	sq. metre	57.00
02/07/02	Preparation of Sub-grade 450 mm depth	sq. metre	85.00
02/08/01	Improved Sub-grade	cu metre	804.00
02/09/01	Dismantling Existing Structure including disposal of spoil and backfilling.	Lump Sum	0.00
02/09/02	Dismantling Portions of Existing Structure including stockpiling of materials.	Lump Sum	0.00
2/09/03(a)	Deduction of the Value of Recovered Materials from Structures	Lump Sum	0.00
2/09/03(b)	Deduction of the Value of Recovered Materials from Structures	Lump Sum	0.00
02/10/01	Construction of Soil Earthen Shoulders	cu metre	208.00
02/11/01	Construction of Hard Shoulders	cu metre	4,068.00
02/12/01	Sub-grade Drains	Lin. Metre	243.00

Item Type : Division 3 – Pavement work

(All Prices in Taka)

Item Code	Item Description	Unit of Measurement	Total Unit Price with TAX & VAT
03/01/01	Scarify, Mix and Recompact Existing Pavement and/or Shoulder	sq. metre	39.00
03/01/02	Repair of Potholes on the Existing Pavement	cu metre	12,715.00
03/02/01	Sub-Base	cu metre	3,953.00
03/03/01	Aggregate Base Type I	cu metre	5,475.00
03/03/02	Aggregate Base Type II	cu metre	4,275.00
03/06/01a	Bituminous Prime Coat (Plant Placed)	sq. metre	90.00
03/06/01b	Bituminous Prime Coat (hand placed)	sq. metre	87.00
03/07/01a	Bituminous Tack Coat (Plant Work)	sq. metre	27.00
03/07/01b	Bituminous Tack Coat (Labour intensive work)	sq. metre	22.00
03/08/01	Primer seal	sq. metre	86.00
03/09/01	Single Bituminous Surface Treatment (Machine Method)	Sq Metre	161.00
3/09/02(a)	Double Bituminous Surface Treatment-20mm nominal size aggregate followed by 10mm (Machine Method)	Sq Metre	300.00
3/09/02(b)	Double Bituminous Surface Treatment-14mm nominal size aggregate followed by 10mm (Machine Method)	Sq Metre	264.00
03/10/01	Dense Bituminous Surfacing-Base Course (Plant Method)	cu metre	13,591.00
03/10/01a	DBS - Base Course 50mm thick (Av.)	cu metre	13,591.00
03/10/02	Dense Bituminous Surfacing - Wearing Course (Plant Method)	cu metre	14,267.00
03/10/02a	DBS - Wearing Course 40mm thick (Av.)	cu metre	14,267.00
03/10/02b	DBS - Wearing Course 50mm thick (Av.)	cu metre	14,267.00
03/10/02c	DBS - Wearing Course 60mm thick (Av.)	cu metre	14,267.00
03/11/01	Premix Bituminous Carpeting	cu metre	13,191.00
03/11/01a	Premix Bituminous Carpeting 40mm thick (Av.)	cu metre	13,191.00
03/11/01b	Premix Bituminous Carpeting 50mm thick (Av.)	cu metre	13,191.00
03/12/01	7 mm Compacted Premix Bituminous Seal Coat	sq. metre	86.00
03/12/02	12 mm Compacted Premix Bituminous Seal Coat	sq. metre	126.00
03/12/03	15 mm Compacted Premix Bituminous Seal Coat	sq. metre	162.00
03/13/01	Brick on End Edging	Lin. Metre	88.00
03/13/02	Single Layer Brick Flat Soling i/c 75mm thick compacted sand cushion	sq. metre	411.00
03/13/03	Herring Bond Brick Pavement i/c 12mm sand cushion	sq. metre	546.00

Item Type : Division 4 – Foundation work

(All Prices in Taka)

Item Code	Item Description	Unit of Measurement	Total Unit Price with TAX & VAT
04/01/01a	Bored Cast in Place Piles (dia. 400mm)	Lin. Metre	1,695.00
04/01/01b	Bored Cast in Place Piles [dia 600mm]	Lin. Metre	3,852.00
04/01/01c	Bored pile cast in place piles (dia 750 mm)	Lin. Metre	6,035.00
04/01/01d	Bored cast in place Piles (dia 900mm)	Lin. Metre	8,921.00
04/01/01e	Bored cast in Place Piles (dia 1000mm)	Lin. Metre	10,491.00
04/01/03	Mild Steel Reinforcing Bars	Tonne	89,263.00
04/01/04	High Yield Deformed Steel Reinforcing Bars	Tonne	91,550.00
04/01/05a	Permanent steel Casing (6mm thick ,dia 400mm)	Lin. Metre	6,959.00
04/01/05b	Permanent steel casing (6mm thick,dia 600mm)	Lin. Metre	10,130.00
04/01/05c	Permanent steel casing (6mm thick, dia750mm)	Lin. Metre	12,634.00
04/01/05d	Permanent steel casing (10mm thick, 600mm dia)	Lin. Metre	16,311.00
04/01/05e	Permanent steel casing (10mm thick, 750mm dia)	Lin. Metre	20,378.00
04/01/05f	Permanent steel casing (10mm thick, 900mm dia)	Lin. Metre	24,404.00
04/01/05g	Permanent steel casing (10 mm thick, 1000mm dia)	Lin. Metre	27,021.00
04/02/01a	Driven Pre-cast Piles (a) 300x300mm	Lin. Metre	1,656.00
04/02/01b	Driven Precast Piles (b) 350x350mm	Lin. Metre	2,163.00
04/02/01c	Driven Pre-cast Pile (c) 400x400mm	Lin. Metre	2,648.00
04/02/02	Driven Precast Pilot Piles	Lin. Metre	536.00
04/02/03	Mild Steel Reinforcement Bars	Tonne	89,263.00
04/02/04	High Yield Reinforcement Bars	Tonne	91,550.00
04/03/01	King Post	Lin. Metre	500.00
04/03/02	Raker Piles (including Tie Bars)	Lin. Metre	756.00
04/03/03	Pre-cast Planks (including Reinforcement Steel)	Sq Metre	2,752.00
04/03/04	Mild Steel Reinforcing Bars to King Posts and Raker Piles	Tonne	89,263.00
04/03/05	High Yield Deformed Steel Reinforcing Bars to King Posts and Raker Piles	Tonne	91,550.00

Item Code	Item Description	Unit of Measurement	Total Unit Price with TAX & VAT
04/04/01a	Load Test on Cast In Place Working Pile (Proof Load to be specified in BoQ) 50 Ton	Number	68,059.00
04/04/01b	Load test on cast in place piles (For 100 Ton)	Number	115,906.00
04/04/01c	Load Test on cast in place piles (For 200 Ton)	Number	195,142.00
04/04/02	Load Test on Cast in Place Pilot Pile(Proof load to be specified in BoQ)	Number	0.00
04/04/03	Load Test on Pilot Driven Pile (Proof load to be specified in the BoQ)	Number	0.00
04/05/01	Bitumen Slip Layer to Concrete Piles	Sq Metre	212.00
04/06/01a	Driven Bullah Piles(Dimensions to be stated in BoQ)125-150mm)	Lin. Metre	412.00
04/06/01b	Deriven Bullah Pile (150-175mm dia)	Lin. Metre	486.00
04/06/01c	Driven Bullah Pile (175-200mm dia)	Lin. Metre	599.00
04/06/01d	Driven Bullah Pile (200-225mm dia)	Lin. Metre	725.00
04/07/01	Cutting Edge (Well Shoe)	Ton	110,190.00
04/07/02	Class-20 Concrete for RCC Well	cum	11,973.00
04/07/03	Concrete in Top/Bottom Plugging	cum	10,404.00
4/07/04(a)	Labor for Well Sinking (Size 5000mm X 10000mm) Depth 0m-6m	Metre	14,236.00
4/07/04(b)	Labor for Well Sinking (Size 5000mm X 10000mm) Depth 6m-12m	Metre	21,119.00
4/07/04(c)	Labor for Well Sinking (Size 5000mm X 10000mm) Depth 12m-18m	Metre	24,028.00
4/07/04(d)	Labor for Well Sinking (Size 5000mm X 10000mm) Depth 18m-24m	Metre	30,419.00
4/07/04(e)	Labor for Well Sinking (Size 5000mm X 10000mm) Depth Above 24m	Metre	36,052.00
4/07/04(f)	Labor for Well Sinking (Size 4270mm X 7940mm) Depth 0m-6m	Metre	9,611.00
4/07/04(g)	Labor for Well Sinking (Size 4270mm X 7940mm) Depth 6m-12m	Metre	14,457.00
4/07/04(h)	Labor for Well Sinking (Size 4270mm X 7940mm) Depth 12m-18m	Metre	16,367.00
4/07/04(i)	Labor for Well Sinking (Size 4270mm X 7940mm) Depth 18m-24m	Metre	20,587.00
4/07/04(j)	Labor for Well Sinking (Size 4270mm X 7940mm) Depth Above 24m	Metre	24,427.00
04/07/05	Sand Filling	cum	1,024.00
04/07/06	High Steel Reinforcement Bars	Ton	91,550.00

Item Type : Division 5 –Structures

(All Prices in Taka)

Item Code	Item Description	Unit of Measurement	Total Unit Price with TAX & VAT
05/01/01	Single Layer Brick Flat Soling	sq. metre	416.00
05/01/02a	Concrete Class as Detailed on Drawings (Class10)	cu metre	7,229.00
05/01/02b	Concrete class-20 (Foundation)	cu metre	9,790.00
05/01/02c	Concrete class - 20 (Vertical member col. pier, abutment / wing wall, culvert etc.)	cu metre	11,421.00
05/01/02d	Concrete class-20 (Girder, cross girder, diaphragm, beam etc)	cu metre	13,396.00
05/01/02e	Concrete class-20 (Deck slab, side walk, wheel guard, curb etc	cu metre	11,777.00
05/01/02f	Concrete class -20 (rail & post)	cu metre	14,496.00
05/01/02g	Concrete Class - 25 (Foundation)	cu metre	10,123.00
05/01/02h	Concrete class -25 (Vertical member col, pier, abutment/ wing wall, culvert etc)	cu metre	11,720.00
05/01/02i	Concrete class - 25 (Girder, beam, cross girder and diaphragm etc)	cu metre	13,725.00
05/01/02j	Concrete class - 25 (RCC/CC Pavement work)	cu metre	12,245.00
05/01/02k	Concrete class-30 (Deck slab, side walk, wheel guard,curb etc	cu metre	12,778.00
05/01/02l	Concrete Class - 35	cu metre	20,622.00
05/01/02m	Concrete Class – 40 (Pre-stressed Girder)	cu metre	21,008.00
05/02/01	Mild Steel Reinforcement Bars	Tonne	89,263.00
05/02/02	High Yield Reinforcement Bars	Tonne	91,550.00
05/02/03	Wire Mesh Reinforcement	Tonne	80,503.00
05/03/01	Prestressing Wire or Strand	Tonne	253,652.00
05/04/01	Modification to Existing Concrete	cu metre	8,603.00
05/04/02	Concrete Surface Repair Works (Superstructures)	sq. metre	184.00
05/04/03	Concrete Surface Repair Works (Substructures)	sq. metre	246.00
05/04/04	Resin Repair Mortars	Kg	0.00
05/04/05	Cement Mortar in Cracks	Lin. Metre	50.00
05/04/06	Anchor and Tie Bars	Tonne	2,356.00
05/05/01	New and Extended Brickwork	cu metre	6,421.00
05/05/02	Brick Drainage Layer	cu metre	4,031.00
05/05/03	Replacement of Defective Existing brick	cu metre	9,974.00

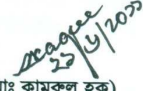
Item Code	Item Description	Unit of Measurement	Total Unit Price with TAX & VAT
05/05/04	Repointing of Existing Brickwork Joints	sq. metre	440.00
05/05/05	Steel Tie Bars and Pattress Plates	Tonne	0.00
05/06/01	Preparation and Painting of Existing Structures	sq. metre	461.00
05/07/01	Carriage of Bridge Steelwork from Port to Site	Tonne	0.00
05/07/02	Fixing of bearings for Unit Bridging	Number	0.00
05/07/03	Supply and Fixing of Elastomeric Bearings for Composite Bridge Construction	Number	0.00
05/07/04	Assemlby and Installation of Unit Bridging	Lin. Metre	0.00
05/07/05	Installation of Steelwork for Composite Bridge Construction.	Tonne	0.00
05/07/06	Installation of Steel Post and Barrier Parapet to Reinforced Concrete Deck Slab	Lin. Metre	0.00
05/08/01	Expansion Joint complete as detailed on the Drawings in the location described in the BoQ.	Lin. Metre	2,417.00
05/08/02	Bridge Deck Joint Complete as detailed on the Drawings.	Lin. Metre	0.00
05/09/01	Provision and Fixing of drainage to structures as detailed on the Drawings.	Lump sum	0.00
05/10/01	Embedment of Inserts and Fittings	Lump Sum	0.00
05/12/01(a)	Supply and Installation of Pot bearings (Size-500X500X72)	Number	0.00
05/12/01(b)	Supply and Installation of Pot bearings (Size-500X450X72)	Number	0.00
05/12/01(c)	Supply and Installation of Pot bearings (Size-400X300X72)	Number	0.00
05/12/02	Supply and Installation of Shock Transmission units	Number	0.00
05/13/01(a)	Neoprene rubber bearing or Elastomeric bearing supplying & fitting fixing, etc.	Number	14,344.00
05/13/01(b)	Neoprene rubber bearing or Elastomeric bearing supplying & fitting fixing, (b) , etc.	Number	16,694.00
05/14/01(b)	Double Single Bailey Bridge or Acrow panel (Erecting and Assembling).	Lin. Metre	2,151.00
05/14/01(c)	Calender Hamilton Truss Bridge (Erecting and Assembling)	Lin. Metre	9,292.00
05/14/02(b)	Double Single Bailey Bridge or Acrow panel (Delaunching).	Lin. Metre	1,579.00
05/14/02(c)	Calender Hamilton Truss Bridge (Delaunching).	Lin. Metre	6,084.00
05/15/01	Mobilization for railing type work, etc.	Lin. Metre	1,622.00
05/16/01	Dismantling of deck slab, thickness 175mm.	Sq Metre	4,516.00
05/16/02	Steel Beam (W 530 x 167)	Lin. Metre	10,929.00

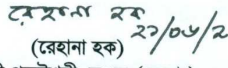
Item Type : Division 6 – Incidental

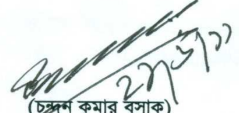
(All Prices in Taka)

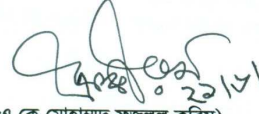
Item Code	Item Description	Unit of Measurement	Total Unit Price with TAX & VAT
06/01/01	Grouted Riprap Pavement	sq. metre	1,748.00
06/01/02	Concrete Slope Protection	sq. metre	1,368.00
06/01/03	Loose stone Riprap Protection	cu metre	4,605.00
06/01/04	Concrete Cut-Off	cu metre	15,694.00
06/02/01	Reinforced Concrete Culvert Pipe - Class A bedding	Lin. Metre	3,943.00
06/02/02	Reinforced Concrete Culvert Pipe - Class B bedding	Lin. Metre	1,942.00
06/03/01	Manhole (Diameter to be stated in the BoQ)	Number	0.00
06/03/02	Catch Basin (Diameter to be stated in the BoQ)	Number	0.00
06/03/03	Concrete Side Ditch/ U-Drain	Lin. Metre	0.00
06/03/04	Brick Headwall to Culvert Pipe (Pipe diameter to be stated in the BoQ)	Number	0.00
06/04/01	Concrete Kerb (as detailed on the drawings)	Lin. Metre	0.00
06/04/02	Combined Concrete Kerb and Gutter (as detailed on the drawings)	Lin. Metre	0.00
06/05/01	Road Marking - Thermoplastic Material (indicate if screed or spray application)	Sq Metre	1,051.00
06/05/02	Road Marking - Road marking Paint	Sq Metre	283.00
06/05/03	Reflecting Road Studs	Number	700.00
06/05/04	Application of Ballotini	Sq Metre	308.00
06/06/01	Topsoil	cu metre	248.00
06/07/01	Grass Sodding	Sq Metre	28.00
06/07/02	Grass Turfing	Sq Metre	28.00
06/08/01	Guardrail	Lin. Metre	0.00
06/09/01	Concrete Monument	Number	0.00
06/09/02	Concrete Post	Number	0.00
06/10/01	Traffic Signs	Number	5,521.00
06/10/02	Sign Post	Number	2,458.00
06/11/01	Rumble strips (Bituminous Concrete Volume)	cum	15,035.00
06/11/02	Road Marking Thermoplastic Material (by spray)	Sq Metre	1,051.00
06/12/01	Geotextile Filter Fabric (as detailed on the Drawings)	Sq Metre	173.00
06/12/02	Furnishing and installing Matress (as detailed on the drawings)	Sq Metre	1,333.00

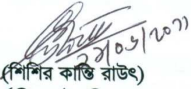
Item Code	Item Description	Unit of Measurement	Total Unit Price with TAX & VAT
6/13/01(a)	Bullah Palisiding (150mm – 175mm)	Lin. Metre	6,601.00
6/13/01(b)	Bullah Palisiding (Local Bullah : 150mm – 200mm)	Lin. Metre	4,348.00
06/14/01	Mobilization for deck slab repairing work, etc.	Sq Metre	688.00
6/15/1	Concrete Guide Post (1.6 m long, 200mm dia)	No.	1,529.00
6/16/1	Concrete Kilometer Post (As per drawing)	No.	6,375.00
6/17/1(a)	RCC Palisiding (4m post, 200mm X 200mm)	Lin. Metre	8,129.00
6/17/1(b)	RCC Palisiding (3m post, 150mm X 150mm)	Lin. Metre	5,277.00

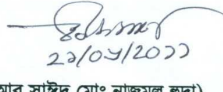

 (মোঃ কামরুল হক)
 তত্ত্বাবধায়ক প্রকৌশলী, সওজ (চঃদাঃ)
 রোড ডিজাইন এন্ড সেফটি সার্কেল,
 সড়ক ভবন, রমনা, ঢাকা।
 ও
 সদস্য সচিব,
 Schedule of Rates সংশোধন/সংস্কার কমিটি।

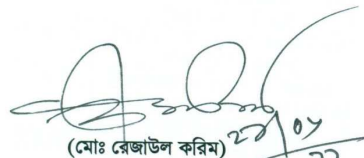

 (রেহানা হক)
 নির্বাহী প্রকৌশলী, সওজ (অঃদাঃ)
 রোড ডিজাইন এন্ড স্ট্যান্ডার্ড বিভাগ,
 সড়ক ভবন, রমনা, ঢাকা
 ও
 সদস্য,
 Schedule of Rates সংশোধন/সংস্কার কমিটি।

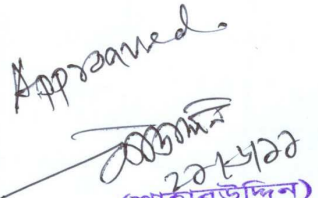

 (চন্দ্রন কুমার বসাক)
 নির্বাহী প্রকৌশলী, সওজ,
 পিরিয়ডিক মেইনটেন্যান্স বিভাগ-১,
 সড়ক ভবন, রমনা, ঢাকা
 ও
 সদস্য,
 Schedule of Rates সংশোধন/সংস্কার কমিটি।

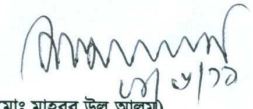

 (এ কে মোহাম্মদ ফজলুল করিম)
 নির্বাহী প্রকৌশলী, সওজ,
 এইচডিএম ডাটাবেইজ বিভাগ,
 সড়ক ভবন, রমনা, ঢাকা
 ও
 সদস্য,
 Schedule of Rates সংশোধন/সংস্কার কমিটি।


 (শিশির কান্তি রাউৎ)
 নির্বাহী প্রকৌশলী, সওজ,
 প্লানিং বিভাগ-১,
 সড়ক ভবন, রমনা, ঢাকা
 ও
 সদস্য,
 Schedule of Rates সংশোধন/সংস্কার কমিটি।


 (আবু সাঈদ মোঃ নাজমুল হুদা)
 নির্বাহী প্রকৌশলী, সওজ,
 সড়ক বিভাগ,
 মুন্সীগঞ্জ
 ও
 সদস্য,
 Schedule of Rates সংশোধন/সংস্কার কমিটি।


 (মোঃ রেজাউল করিম)
 নির্বাহী প্রকৌশলী, সওজ,
 সেতু ডিজাইন বিভাগ-১,
 সড়ক ভবন, রমনা, ঢাকা
 ও
 সদস্য,
 Schedule of Rates সংশোধন/সংস্কার কমিটি।


 (শাহাবুদ্দিন)
 প্রধান প্রকৌশলী (চঃ দাঃ)
 সড়ক ও জনপথ অধিদপ্তর
 সড়ক ভবন, রমনা, ঢাকা।


 (মোঃ মাহবুব উল আলম)
 অতিরিক্ত প্রধান প্রকৌশলী (চঃদাঃ), সওজ
 টেকনিক্যাল সার্ভিসেস উইং,
 সড়ক ভবন, রমনা, ঢাকা
 ও
 চেয়ারম্যান,
 Schedule of Rates সংশোধন/সংস্কার কমিটি।