

তত্ত্বাবধায়ক প্রকৌশলীর দপ্তর
ডিজাইন সার্কেল-২, বাপাউবো
৭২ গ্রীণ রোড (৩য় তলা)
ঢাকা-১২১৫
ফোন - ৯১১৭৬০৯



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স্মারক নং ক-৩২/আপডেট/১৪/

তারিখঃ- ০৫/০২/২০১৫ ইং

বরাবর,
প্রধান প্রকৌশলী
ডিজাইন, বাপাউবো, ঢাকা।

বিষয়ঃ- Mechanical Excavator দ্বারা বাঁধ নির্মাণের বিভিন্ন আইটেম, BWDB Standard Schedule of Rates এ সংযোজন প্রসঙ্গে।

মহোদয়,

যথাযথ সম্মান প্রদর্শন পূর্বক উপরোক্ত বিষয়ের প্রেক্ষিতে জানানো যাচ্ছে যে, Mechanical Excavator (long Boom) দ্বারা মাটি কাটার নিম্নে বর্ণিত ১৪ টি আইটেম BWDB Standard Schedule of Rates এ সংযোজন করা হল।

CODE	ITEM DESCRIPTION
16-640-10	Embankment by mechanical excavator 0-4 m
16-640-20	Embankment by mechanical excavator 4-6 m & above
16-650-10	Embankment by mechanical excavator 0-4 m - 85% compaction
16-650-20	Embankment by mechanical excavator 4-6 m & above + 85% compaction
16-650-30	Embankment by mechanical excavator 0-4 m + 90% compaction
16-650-40	Embankment by mechanical excavator 4-6 m & above + 90% compaction
16-660-10	Embankment by mechanical excavator 0-4 m - 85% compaction+300 m to 1 km
16-660-20	Embankment by mechanical excavator 4-6 m and above+ 85% compaction+300 m to 1 km
16-660-30	Embankment by mechanical excavator 0-4 m+ 90% compaction+300 m to 1 km
16-660-40	Embankment by mechanical excavator 4-6 m and above+ 90% compaction+300 m to 1 km
16-660-50	Embankment by mechanical excavator 0-4 m+ 85% compaction+1 km to 5 km
16-660-60	Embankment by mechanical excavator 4-6 m and above+ 85% compaction+1 km to 5 km
16-660-70	Embankment by mechanical excavator 0-4 m+ 90% compaction+1 km to 5 km
16-660-80	Embankment by mechanical excavator 4-6 m and above- 90% compaction+1 km to 5 km

আইটেম সমূহের Item Description (সংযুক্তি-১) এবং Analysis Template (সংযুক্তি-২) সংযুক্ত করা হল। বাপাউবো এর বিভিন্ন সার্কেলের জন্য উক্ত আইটেম সমূহের দর সংশ্লিষ্ট সার্কেলের তত্ত্বাবধায়ক প্রকৌশলীর নিকট প্রেরিত অত্র চিঠির কপির সাথে সংযুক্ত করা হল (সংযুক্তি-৩)।

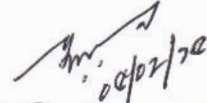
ইহা আপনার সদয় অবগতির জন্য প্রেরণ করা হ'ল।

স্বঃ

(কাজী তোফায়েল হোসেন)
তত্ত্বাবধায়ক প্রকৌশলী
ডিজাইন সার্কেল-২
বাপাউবো, ঢাকা।

অনুলিপি সংযুক্তিসহ সদয় অবগতি/অবগতির জন্য প্রেরণ করা হ'ল (জ্যেষ্ঠতার ভিত্তিতে নয়):-

১. প্রধান প্রকৌশলী, কেন্দ্রীয় অঞ্চল, বাপাউবো, ঢাকা।
২. প্রধান প্রকৌশলী, উত্তরাঞ্চল, বাপাউবো, রংপুর।
৩. প্রধান প্রকৌশলী, দক্ষিণাঞ্চল, বাপাউবো, বরিশাল।
৪. প্রধান প্রকৌশলী, উত্তর-পূর্বাঞ্চল, বাপাউবো, কুমিল্লা।
৫. প্রধান প্রকৌশলী, দক্ষিণ-পূর্বাঞ্চল, বাপাউবো, চট্টগ্রাম।
৬. প্রধান প্রকৌশলী, উত্তর-পশ্চিমাঞ্চল, বাপাউবো, রাজশাহী।
৭. প্রধান প্রকৌশলী, দক্ষিণ-পশ্চিমাঞ্চল, বাপাউবো, খুলনা।
৮. প্রধান প্রকৌশলী, মধ্য-পশ্চিমাঞ্চল, বাপাউবো, ফরিদপুর।
৯. তত্ত্বাবধায়ক প্রকৌশলী, বরিশাল পওর সার্কেল, বাপাউবো, বরিশাল।
১০. তত্ত্বাবধায়ক প্রকৌশলী, ভোলা পওর সার্কেল, বাপাউবো, ভোলা।
১১. তত্ত্বাবধায়ক প্রকৌশলী, বগুড়া পওর সার্কেল, বাপাউবো, বগুড়া।
১২. তত্ত্বাবধায়ক প্রকৌশলী, চাঁদপুর পওর সার্কেল, বাপাউবো, চাঁদপুর।
১৩. তত্ত্বাবধায়ক প্রকৌশলী, চিটাগাং পওর সার্কেল, বাপাউবো, চিটাগাং।
১৪. তত্ত্বাবধায়ক প্রকৌশলী, কুমিল্লা পওর সার্কেল, বাপাউবো, কুমিল্লা।
১৫. তত্ত্বাবধায়ক প্রকৌশলী, ঢাকা পওর সার্কেল, বাপাউবো, ঢাকা।
১৬. তত্ত্বাবধায়ক প্রকৌশলী, ফরিদপুর পওর সার্কেল, বাপাউবো, ফরিদপুর।
১৭. তত্ত্বাবধায়ক প্রকৌশলী, ফেনী পওর সার্কেল, বাপাউবো, ফেনী।
১৮. তত্ত্বাবধায়ক প্রকৌশলী, যশোর পওর সার্কেল, বাপাউবো, যশোর।
১৯. তত্ত্বাবধায়ক প্রকৌশলী, খুলনা পওর সার্কেল, বাপাউবো, খুলনা।
২০. তত্ত্বাবধায়ক প্রকৌশলী, কুষ্টিয়া পওর সার্কেল, বাপাউবো, কুষ্টিয়া।
২১. তত্ত্বাবধায়ক প্রকৌশলী, মৌলভীবাজার পওর সার্কেল, বাপাউবো, মৌলভীবাজার।
২২. তত্ত্বাবধায়ক প্রকৌশলী, ময়মনসিংহ পওর সার্কেল, বাপাউবো, ময়মনসিংহ।
২৩. তত্ত্বাবধায়ক প্রকৌশলী, পাবনা পওর সার্কেল, বাপাউবো, পাবনা।
২৪. তত্ত্বাবধায়ক প্রকৌশলী, রাজশাহী পওর সার্কেল, বাপাউবো, রাজশাহী।
২৫. তত্ত্বাবধায়ক প্রকৌশলী, রংপুর পওর সার্কেল, বাপাউবো, রংপুর।
২৬. তত্ত্বাবধায়ক প্রকৌশলী, সিলেট পওর সার্কেল, বাপাউবো, সিলেট।
২৭. তত্ত্বাবধায়ক প্রকৌশলী, ঠাকুরগাঁও পওর সার্কেল, বাপাউবো, ঠাকুরগাঁও।
২৮. তত্ত্বাবধায়ক প্রকৌশলী, ডিভাইন সার্কেল-১, বাপাউবো, ঢাকা।
২৯. তত্ত্বাবধায়ক প্রকৌশলী, ডিভাইন সার্কেল-৪, বাপাউবো, ঢাকা।
৩০. তত্ত্বাবধায়ক প্রকৌশলী, ডিভাইন সার্কেল-৫, বাপাউবো, ঢাকা।
৩১. তত্ত্বাবধায়ক প্রকৌশলী, ডিভাইন সার্কেল-৬, বাপাউবো, ঢাকা।
৩২. নথির কপি।


(কাজী তোফায়েল হোসেন)
তত্ত্বাবধায়ক প্রকৌশলী
ডিভাইন সার্কেল-২
বাপাউবো, ঢাকা।



3152/13-2. 20

ITEM DEFINITION REPORT

ItemCode	Item Description	Unit Meas.
16 . Earthwork		
16-640	Earth work by Mechanical Excavator (Long Boom) in constructing/resectioning of embankment/canal bank/road etc. with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) within the initial lead of 30m, and all lifts including throwing the spoils to profiles in layers not exceeding 150mm in thickness, clod breaking upto a maximum size of 100mm, benching the side slopes, stripping/ ploughing the base of embankment and borrow pit area, dug bailing, cutting trees upto 200mm girth, with uprooting stumps, clearing jungles, rough dressing and 150mm cambering at the centre of the crest etc. complete as per specification and direction of Engineer in charge.	cum
16-640-10	. Embankment by mechanical excavator, ht: 0 to 4 m	cum
16-640-20	. Embankment by mechanical excavator, ht: 4 to 6 m and above	cum
16-650	Earth work by Mechanical Excavator (Long Boon) in constructing/ resectioning of embankment/canal bank/ road etc. compacted to 85%/90% maximum dry density at optimum moisture content, with reference to laboratory density test AAHSTO modified hammer, with clayey soil(minm 30% clay, 0-40% silt, 0-30% sand) within the initial lead of 30m and all lifts including throwing the spoils to profiles in layers not exceeding 230mm in thickness with clod breaking to a maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm from the ground, stripping/ploughing the base of embankment and borrow pit area, dug bailing, rough dressing including 150mm cambering at the centre of crest etc. complete, including maintenance of the same for 6 months after completion, (compaction will be done by the contractor with approved equipment, including all ancillary charges for compaction and testing) as per direction of Engineer in charge.	cum
16-650-10	. Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum
16-650-20	. Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum
16-650-30	. Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum
16-650-40	. Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum



315 2/12/20-2.

ITEM DEFINITION REPORT

ItemCode	Item Description	Unit Meas.
16-660	Earth work by carried earth (by truck/boat or any other means) supplied at contractor's own cost (including royalty) in constructing/ resectioning of the embankment/ canal bank/ road etc. by Mechanical Excavator (Long Boon) compacted to 85%/90% maximum dry density at optimum moisture content with reference to laboratory density test AASHTO modified hammer, with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) beyond initial lead of 300m including throwing the spoils to profiles in layer not exceeding 230mm in thickness with clod breaking to maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm, stripping/ ploughing the base of embankment and borrow pit area, dug bailing, clearing jungles, rough dressing including 150mm cambering at the centre of crest with all leads and lifts complete (compaction will be done by the contractor with approved equipment including all ancillary charges for compaction and testing) as per direction of Engineer in charge.	cum
16-660-10	. 300 m to 1 km and EmbK. ht: 0 to 4 m with 85% Comp.	cum
16-660-20	. 300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum
16-660-30	. 300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum
16-660-40	. 300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum
16-660-50	. 1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp.	cum
16-660-60	. 1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum
16-660-70	. 1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum
16-660-80	. 1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum



ANALYSIS TEMPLATE REPORT

315272-2 20

Primary Element	Secondary Element	Weight	Unit	Element Rate		Value
16. Earthwork						
16-640-10 Embankment by mechanical excavator, ht: 0 to 4 m						
20.	<u>Materials : Misc.</u>					
	20-245 Diesel/ Fuel	0.4000	ltr	@ Tk. . . per	ltr	Tk.
	20-305 Hydraulic Oil	0.0043	Ltr	@ Tk. . . per	Ltr	Tk.
	20-310 Lubricant (Mobile oil etc.)	0.0120	ltr	@ Tk. . . per	ltr	Tk.
	20-315 Grease, best quality	0.0010	kg	@ Tk. . . per	kg	Tk.
				Sub Total		Tk.
70.	<u>Equipment, Tools</u>					
	70-057 Excavator Long Boom: 8 hrs day	0.0033	day	@ Tk. . . per	day	Tk.
				Sub Total		Tk.
80.	<u>Labour</u>					
	80-305 Head Man	0.0033	day	@ Tk. . . per	day	Tk.
	80-375 Labour, Unskilled	0.0600	day	@ Tk. . . per	day	Tk.
	80-480 Operator, B.dozer/S.F.roller/V.compactor/	0.0033	day	@ Tk. . . per	day	Tk.
	80-481 Operator Helper, B.dozer/ S.F.roller/V.c	0.0033	day	@ Tk. . . per	day	Tk.
				Sub Total		Tk.
				Sum of Sub Total		Tk.
				Overhead &	2.5	Tk.
				Item Total		Tk.
				Contractor's	10 %	Tk.
				Total		Tk.
				VAT	5.5 %	Tk.
				Item Grand Total		Tk.
16-640-20 Embankment by mechanical excavator, ht: 4 to 6 m and above						
20.	<u>Materials : Misc.</u>					
	20-245 Diesel/ Fuel	0.4800	ltr	@ Tk. . . per	ltr	Tk.
	20-305 Hydraulic Oil	0.0052	Ltr	@ Tk. . . per	Ltr	Tk.
	20-310 Lubricant (Mobile oil etc.)	0.0144	ltr	@ Tk. . . per	ltr	Tk.
	20-315 Grease, best quality	0.0012	kg	@ Tk. . . per	kg	Tk.
				Sub Total		Tk.
70.	<u>Equipment, Tools</u>					
	70-057 Excavator Long Boom: 8 hrs day	0.0040	day	@ Tk. . . per	day	Tk.
				Sub Total		Tk.
80.	<u>Labour</u>					
	80-305 Head Man	0.0040	day	@ Tk. . . per	day	Tk.
	80-375 Labour, Unskilled	0.0720	day	@ Tk. . . per	day	Tk.
	80-480 Operator, B.dozer/S.F.roller/V.compactor/	0.0040	day	@ Tk. . . per	day	Tk.
	80-481 Operator Helper, B.dozer/ S.F.roller/V.c	0.0040	day	@ Tk. . . per	day	Tk.
				Sub Total		Tk.
				Sum of Sub Total		Tk.
				Overhead &	2.5	Tk.
				Item Total		Tk.
				Contractor's	10 %	Tk.
				Total		Tk.
				VAT	5.5 %	Tk.
				Item Grand Total		Tk.
16-650-10 Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.						
20.	<u>Materials : Misc.</u>					
	20-245 Diesel/ Fuel	0.5907	ltr	@ Tk. . . per	ltr	Tk.
	20-305 Hydraulic Oil	0.0043	Ltr	@ Tk. . . per	Ltr	Tk.
	20-310 Lubricant (Mobile oil etc.)	0.0215	ltr	@ Tk. . . per	ltr	Tk.
	20-315 Grease, best quality	0.0010	kg	@ Tk. . . per	kg	Tk.

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ANALYSIS TEMPLATE REPORT

Primary Element	Secondary Element	Weight	Unit	Element Rate	Value
				Sub Total	Tk.
70.	<u>Equipment, Tools</u>				
	70-045 B.dozer/S.F.roller/V.compactor : 150 HP.	0.0013	day	@ Tk. ... per day	Tk.
	70-057 Excavator Long Boom: 8 hrs day	0.0033	day	@ Tk. ... per day	Tk.
				Sub Total	Tk.
80.	<u>Labour</u>				
	80-305 Head Man	0.0033	day	@ Tk. ... per day	Tk.
	80-375 Labour, Unskilled	0.0400	day	@ Tk. ... per day	Tk.
	80-480 Operator, B.dozer/S.F.roller/V.compactor/	0.0046	day	@ Tk. ... per day	Tk.
	80-481 Operator Helper, B.dozer/ S.F.roller/V.c	0.0033	day	@ Tk. ... per day	Tk.
				Sub Total	Tk.
				Sum of Sub Total	Tk.
				Overhead & 2.5	Tk.
				Item Total	Tk.
				Contractor's 10 %	Tk.
				Total	Tk.
				VAT 5.5 %	Tk.
				Item Grand Total	Tk.
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.				
20.	<u>Materials : Misc.</u>				
	20-245 Diesel/ Fuel	0.6707	ltr	@ Tk. ... per ltr	Tk.
	20-305 Hydraulic Oil	0.0052	Ltr	@ Tk. ... per Ltr	Tk.
	20-310 Lubricant (Mobile oil etc.)	0.0239	ltr	@ Tk. ... per ltr	Tk.
	20-315 Grease, best quality	0.0012	kg	@ Tk. ... per kg	Tk.
				Sub Total	Tk.
70.	<u>Equipment, Tools</u>				
	70-045 B.dozer/S.F.roller/V.compactor : 150 HP.	0.0013	day	@ Tk. ... per day	Tk.
	70-057 Excavator Long Boom: 8 hrs day	0.0040	day	@ Tk. ... per day	Tk.
				Sub Total	Tk.
80.	<u>Labour</u>				
	80-305 Head Man	0.0040	day	@ Tk. ... per day	Tk.
	80-375 Labour, Unskilled	0.0480	day	@ Tk. ... per day	Tk.
	80-480 Operator, B.dozer/S.F.roller/V.compactor/	0.0053	day	@ Tk. ... per day	Tk.
	80-481 Operator Helper, B.dozer/ S.F.roller/V.c	0.0040	day	@ Tk. ... per day	Tk.
				Sub Total	Tk.
				Sum of Sub Total	Tk.
				Overhead & 2.5	Tk.
				Item Total	Tk.
				Contractor's 10 %	Tk.
				Total	Tk.
				VAT 5.5 %	Tk.
				Item Grand Total	Tk.
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.				
20.	<u>Materials : Misc.</u>				
	20-245 Diesel/ Fuel	0.5907	ltr	@ Tk. ... per ltr	Tk.
	20-305 Hydraulic Oil	0.0043	Ltr	@ Tk. ... per Ltr	Tk.
	20-310 Lubricant (Mobile oil etc.)	0.0215	ltr	@ Tk. ... per ltr	Tk.
	20-315 Grease, best quality	0.0010	kg	@ Tk. ... per kg	Tk.
				Sub Total	Tk.
70.	<u>Equipment, Tools</u>				
	70-045 B.dozer/S.F.roller/V.compactor : 150 HP.	0.0020	day	@ Tk. ... per day	Tk.
	70-057 Excavator Long Boom: 8 hrs day	0.0033	day	@ Tk. ... per day	Tk.
				Sub Total	Tk.
80.	<u>Labour</u>				

ANALYSIS TEMPLATE REPORT

Primary Element	Secondary Element	Weight	Unit	Element Rate	Value
80-305	Head Man	0.0033	day	@ Tk. . .per day	Tk.
80-375	Labour, Unskilled	0.0400	day	@ Tk. . .per day	Tk.
80-480	Operator, B.dozer/S.F.roller/V.compactor/	0.0053	day	@ Tk. . .per day	Tk.
80-481	Operator Helper, B.dozer/ S.F.roller/V.c	0.0033	day	@ Tk. . .per day	Tk.
Sub Total					Tk.
Sum of Sub Total					Tk.
Overhead & 2.5					Tk.
Item Total					Tk.
Contractor's 10 %					Tk.
Total					Tk.
VAT 5.5 %					Tk.
Item Grand Total					Tk.
16-650-40 Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.					
20.	<u>Materials : Misc.</u>				
20-245	Diesel/ Fuel	0.6707	ltr	@ Tk. . .per ltr	Tk.
20-305	Hydraulic Oil	0.0052	Ltr	@ Tk. . .per Ltr	Tk.
20-310	Lubricant (Mobile oil etc.)	0.0239	ltr	@ Tk. . .per ltr	Tk.
20-315	Grease, best quality	0.0012	kg	@ Tk. . .per kg	Tk.
Sub Total					Tk.
70.	<u>Equipment, Tools</u>				
70-045	B.dozer/S.F.roller/V.compactor : 150 HP.	0.0020	day	@ Tk. . .per day	Tk.
70-057	Excavator Long Boom: 8 hrs day	0.0040	day	@ Tk. . .per day	Tk.
Sub Total					Tk.
80.	<u>Labour</u>				
80-305	Head Man	0.0040	day	@ Tk. . .per day	Tk.
80-375	Labour, Unskilled	0.0480	day	@ Tk. . .per day	Tk.
80-480	Operator, B.dozer/S.F.roller/V.compactor/	0.0060	day	@ Tk. . .per day	Tk.
80-481	Operator Helper, B.dozer/ S.F.roller/V.c	0.0040	day	@ Tk. . .per day	Tk.
Sub Total					Tk.
Sum of Sub Total					Tk.
Overhead & 2.5					Tk.
Item Total					Tk.
Contractor's 10 %					Tk.
Total					Tk.
VAT 5.5 %					Tk.
Item Grand Total					Tk.
16-660-10 300 m to 1 km and EmbK. ht: 0 to 4 m with 85% Comp.					
20.	<u>Materials : Misc.</u>				
20-245	Diesel/ Fuel	0.6607	ltr	@ Tk. . .per ltr	Tk.
20-305	Hydraulic Oil	0.0043	Ltr	@ Tk. . .per Ltr	Tk.
20-310	Lubricant (Mobile oil etc.)	0.0269	ltr	@ Tk. . .per ltr	Tk.
20-315	Grease, best quality	0.0010	kg	@ Tk. . .per kg	Tk.
20-560	Royalty of earth	1.0000	cum	@ Tk. . .per cum	Tk.
Sub Total					Tk.
70.	<u>Equipment, Tools</u>				
70-045	B.dozer/S.F.roller/V.compactor : 150 HP.	0.0013	day	@ Tk. . .per day	Tk.
70-057	Excavator Long Boom: 8 hrs day	0.0033	day	@ Tk. . .per day	Tk.
70-060	Cargo Truck (without Fuel & Lubricant)..	0.0231	day	@ Tk. . .per day	Tk.
Sub Total					Tk.
80.	<u>Labour</u>				
80-305	Head Man	0.0033	day	@ Tk. . .per day	Tk.
80-375	Labour, Unskilled	0.0489	day	@ Tk. . .per day	Tk.
80-480	Operator, B.dozer/S.F.roller/V.compactor/	0.0046	day	@ Tk. . .per day	Tk.

ANALYSIS TEMPLATE REPORT

Primary Element	Secondary Element	Weight	Unit	Element Rate	Value
80-481	Operator Helper, B.dozer/ S.F.roller/V.c	0.0033	day	@ Tk. . . . per day	Tk.
Sub Total					Tk.
Sum of Sub Total					Tk.
Overhead &					2.5 Tk.
Item Total					Tk.
Contractor's					10 % Tk.
Total					Tk.
VAT					5.5 % Tk.
Item Grand Total					Tk.

16-660-20 300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp

20. Materials : Misc.

20-245	Diesel/ Fuel	0.7407	ltr	@ Tk. . . . per ltr	Tk.
20-305	Hydraulic Oil	0.0052	Ltr	@ Tk. . . . per Ltr	Tk.
20-310	Lubricant (Mobile oil etc.)	0.0293	ltr	@ Tk. . . . per ltr	Tk.
20-315	Grease, best quality	0.0012	kg	@ Tk. . . . per kg	Tk.
20-560	Royalty of earth	1.0000	cum	@ Tk. . . . per cum	Tk.
Sub Total					Tk.

70. Equipment, Tools

70-045	B.dozer/S.F.roller/V.compactor : 150 HP.	0.0013	day	@ Tk. . . . per day	Tk.
70-057	Excavator Long Boom: 8 hrs day	0.0040	day	@ Tk. . . . per day	Tk.
70-060	Cargo Truck (without Fuel & Lubricant)..	0.0231	day	@ Tk. . . . per day	Tk.
Sub Total					Tk.

80. Labour

80-305	Head Man	0.0040	day	@ Tk. . . . per day	Tk.
80-375	Labour, Unskilled	0.0569	day	@ Tk. . . . per day	Tk.
80-480	Operator,B.dozer/S.F.roller/V.compactor/	0.0053	day	@ Tk. . . . per day	Tk.
80-481	Operator Helper, B.dozer/ S.F.roller/V.c	0.0040	day	@ Tk. . . . per day	Tk.
Sub Total					Tk.
Sum of Sub Total					Tk.
Overhead &					2.5 Tk.
Item Total					Tk.
Contractor's					10 % Tk.
Total					Tk.
VAT					5.5 % Tk.
Item Grand Total					Tk.

16-660-30 300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.

20. Materials : Misc.

20-245	Diesel/ Fuel	0.6607	ltr	@ Tk. . . . per ltr	Tk.
20-305	Hydraulic Oil	0.0043	Ltr	@ Tk. . . . per Ltr	Tk.
20-310	Lubricant (Mobile oil etc.)	0.0269	ltr	@ Tk. . . . per ltr	Tk.
20-315	Grease, best quality	0.0010	kg	@ Tk. . . . per kg	Tk.
20-560	Royalty of earth	1.0000	cum	@ Tk. . . . per cum	Tk.
Sub Total					Tk.

70. Equipment, Tools

70-045	B.dozer/S.F.roller/V.compactor : 150 HP.	0.0020	day	@ Tk. . . . per day	Tk.
70-057	Excavator Long Boom: 8 hrs day	0.0033	day	@ Tk. . . . per day	Tk.
70-060	Cargo Truck (without Fuel & Lubricant)..	0.0231	day	@ Tk. . . . per day	Tk.
Sub Total					Tk.

80. Labour

80-305	Head Man	0.0033	day	@ Tk. . . . per day	Tk.
80-375	Labour, Unskilled	0.0489	day	@ Tk. . . . per day	Tk.
80-480	Operator,B.dozer/S.F.roller/V.compactor/	0.0053	day	@ Tk. . . . per day	Tk.
80-481	Operator Helper, B.dozer/ S.F.roller/V.c	0.0033	day	@ Tk. . . . per day	Tk.

ANALYSIS TEMPLATE REPORT

Primary Element	Secondary Element	Weight	Unit	Element Rate		Value
				Sub Total		Tk.
				Sum of Sub Total		Tk.
				Overhead &	2.5	Tk.
				Item Total		Tk.
				Contractor's	10 %	Tk.
				Total		Tk.
				VAT	5.5 %	Tk.
				Item Grand Total		Tk.
16-660-40 300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp						
20.	<u>Materials : Misc.</u>					
	20-245 Diesel/ Fuel	0.7407	ltr	@ Tk. ... per	ltr	Tk.
	20-305 Hydraulic Oil	0.0052	Ltr	@ Tk. ... per	Ltr	Tk.
	20-310 Lubricant (Mobile oil etc.)	0.0293	ltr	@ Tk. ... per	ltr	Tk.
	20-315 Grease, best quality	0.0012	kg	@ Tk. ... per	kg	Tk.
	20-560 Royalty of earth	1.0000	cum	@ Tk. ... per	cum	Tk.
				Sub Total		Tk.
70.	<u>Equipment, Tools</u>					
	70-045 B.dozer/S.F.roller/V.compactor : 150 HP.	0.0020	day	@ Tk. ... per	day	Tk.
	70-057 Excavator Long Boom: 8 hrs day	0.0040	day	@ Tk. ... per	day	Tk.
	70-060 Cargo Truck (without Fuel & Lubricant)..	0.0231	day	@ Tk. ... per	day	Tk.
				Sub Total		Tk.
80.	<u>Labour</u>					
	80-305 Head Man	0.0040	day	@ Tk. ... per	day	Tk.
	80-375 Labour, Unskilled	0.0569	day	@ Tk. ... per	day	Tk.
	80-480 Operator,B.dozer/S.F.roller/V.compactor/	0.0060	day	@ Tk. ... per	day	Tk.
	80-481 Operator Helper, B.dozer/ S.F.roller/V.c	0.0040	day	@ Tk. ... per	day	Tk.
				Sub Total		Tk.
				Sum of Sub Total		Tk.
				Overhead &	2.5	Tk.
				Item Total		Tk.
				Contractor's	10 %	Tk.
				Total		Tk.
				VAT	5.5 %	Tk.
				Item Grand Total		Tk.
16-660-50 1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp						
20.	<u>Materials : Misc.</u>					
	20-245 Diesel/ Fuel	0.9718	ltr	@ Tk. ... per	ltr	Tk.
	20-305 Hydraulic Oil	0.0043	Ltr	@ Tk. ... per	Ltr	Tk.
	20-310 Lubricant (Mobile oil etc.)	0.0424	ltr	@ Tk. ... per	ltr	Tk.
	20-315 Grease, best quality	0.0010	kg	@ Tk. ... per	kg	Tk.
	20-560 Royalty of earth	1.0000	cum	@ Tk. ... per	cum	Tk.
				Sub Total		Tk.
70.	<u>Equipment, Tools</u>					
	70-045 B.dozer/S.F.roller/V.compactor : 150 HP.	0.0013	day	@ Tk. ... per	day	Tk.
	70-057 Excavator Long Boom: 8 hrs day	0.0033	day	@ Tk. ... per	day	Tk.
	70-060 Cargo Truck (without Fuel & Lubricant)..	0.0283	day	@ Tk. ... per	day	Tk.
				Sub Total		Tk.
80.	<u>Labour</u>					
	80-305 Head Man	0.0033	day	@ Tk. ... per	day	Tk.
	80-375 Labour, Unskilled	0.0489	day	@ Tk. ... per	day	Tk.
	80-480 Operator,B.dozer/S.F.roller/V.compactor/	0.0046	day	@ Tk. ... per	day	Tk.
	80-481 Operator Helper, B.dozer/ S.F.roller/V.c	0.0033	day	@ Tk. ... per	day	Tk.
				Sub Total		Tk.

ANALYSIS TEMPLATE REPORT

Primary Element	Secondary Element	Weight	Unit	Element Rate		Value
				Sum of Sub Total		Tk.
				Overhead &	2.5	Tk.
				Item Total		Tk.
				Contractor's	10 %	Tk.
				Total		Tk.
				VAT	5.5 %	Tk.
				Item Grand Total		Tk.
16-660-60 1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.						
20.	<u>Materials : Misc.</u>					
	20-245 Diesel/ Fuel	1.0518	ltr	@ Tk. ... per	ltr	Tk.
	20-305 Hydraulic Oil	0.0052	Ltr	@ Tk. ... per	Ltr	Tk.
	20-310 Lubricant (Mobile oil etc.)	0.0448	ltr	@ Tk. ... per	ltr	Tk.
	20-315 Grease, best quality	0.0012	kg	@ Tk. ... per	kg	Tk.
	20-560 Royalty of earth	1.0000	cum	@ Tk. ... per	cum	Tk.
				Sub Total		Tk.
70.	<u>Equipment, Tools</u>					
	70-045 B.dozer/S.F.roller/V.compactor : 150 HP.	0.0013	day	@ Tk. ... per	day	Tk.
	70-057 Excavator Long Boom: 8 hrs day	0.0040	day	@ Tk. ... per	day	Tk.
	70-060 Cargo Truck (without Fuel & Lubricant)..	0.0283	day	@ Tk. ... per	day	Tk.
				Sub Total		Tk.
80.	<u>Labour</u>					
	80-305 Head Man	0.0040	day	@ Tk. ... per	day	Tk.
	80-375 Labour, Unskilled	0.0569	day	@ Tk. ... per	day	Tk.
	80-480 Operator,B.dozer/S.F.roller/V.compactor/	0.0053	day	@ Tk. ... per	day	Tk.
	80-481 Operator Helper, B.dozer/ S.F.roller/V.c	0.0040	day	@ Tk. ... per	day	Tk.
				Sub Total		Tk.
				Sum of Sub Total		Tk.
				Overhead &	2.5	Tk.
				Item Total		Tk.
				Contractor's	10 %	Tk.
				Total		Tk.
				VAT	5.5 %	Tk.
				Item Grand Total		Tk.
16-660-70 1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.						
20.	<u>Materials : Misc.</u>					
	20-245 Diesel/ Fuel	0.9718	ltr	@ Tk. ... per	ltr	Tk.
	20-305 Hydraulic Oil	0.0043	Ltr	@ Tk. ... per	Ltr	Tk.
	20-310 Lubricant (Mobile oil etc.)	0.0424	ltr	@ Tk. ... per	ltr	Tk.
	20-315 Grease, best quality	0.0010	kg	@ Tk. ... per	kg	Tk.
	20-560 Royalty of earth	1.0000	cum	@ Tk. ... per	cum	Tk.
				Sub Total		Tk.
70.	<u>Equipment, Tools</u>					
	70-045 B.dozer/S.F.roller/V.compactor : 150 HP.	0.0020	day	@ Tk. ... per	day	Tk.
	70-057 Excavator Long Boom: 8 hrs day	0.0033	day	@ Tk. ... per	day	Tk.
	70-060 Cargo Truck (without Fuel & Lubricant)..	0.0283	day	@ Tk. ... per	day	Tk.
				Sub Total		Tk.
80.	<u>Labour</u>					
	80-305 Head Man	0.0033	day	@ Tk. ... per	day	Tk.
	80-375 Labour, Unskilled	0.0489	day	@ Tk. ... per	day	Tk.
	80-480 Operator,B.dozer/S.F.roller/V.compactor/	0.0053	day	@ Tk. ... per	day	Tk.
	80-481 Operator Helper, B.dozer/ S.F.roller/V.c	0.0033	day	@ Tk. ... per	day	Tk.
				Sub Total		Tk.

ANALYSIS TEMPLATE REPORT

Primary Element	Secondary Element	Weight	Unit	Element Rate		Value
				Sum of Sub Total		Tk.
				Overhead &	2.5	Tk.
				Item Total		Tk.
				Contractor's	10 %	Tk.
				Total		Tk.
				VAT	5.5 %	Tk.
				Item Grand Total		Tk.
16-660-80 1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.						
20.	<u>Materials : Misc.</u>					
	20-245 Diesel/ Fuel	1.0518	ltr	@ Tk. ... per	ltr	Tk.
	20-305 Hydraulic Oil	0.0052	Ltr	@ Tk. ... per	Ltr	Tk.
	20-310 Lubricant (Mobile oil etc.)	0.0448	ltr	@ Tk. ... per	ltr	Tk.
	20-315 Grease, best quality	0.0012	kg	@ Tk. ... per	kg	Tk.
	20-560 Royalty of earth	1.0000	cum	@ Tk. ... per	cum	Tk.
				Sub Total		Tk.
70.	<u>Equipment, Tools</u>					
	70-045 B.dozer/S.F.roller/V.compactor : 150 HP.	0.0020	day	@ Tk. ... per	day	Tk.
	70-057 Excavator Long Boom: 8 hrs day	0.0040	day	@ Tk. ... per	day	Tk.
	70-060 Cargo Truck (without Fuel & Lubricant)..	0.0283	day	@ Tk. ... per	day	Tk.
				Sub Total		Tk.
80.	<u>Labour</u>					
	80-305 Head Man	0.0040	day	@ Tk. ... per	day	Tk.
	80-375 Labour, Unskilled	0.0569	day	@ Tk. ... per	day	Tk.
	80-480 Operator,B.dozer/S.F.roller/V.compactor/	0.0060	day	@ Tk. ... per	day	Tk.
	80-481 Operator Helper, B.dozer/ S.F.roller/V.c	0.0040	day	@ Tk. ... per	day	Tk.
				Sub Total		Tk.
				Sum of Sub Total		Tk.
				Overhead &	2.5	Tk.
				Item Total		Tk.
				Contractor's	10 %	Tk.
				Total		Tk.
				VAT	5.5 %	Tk.
				Item Grand Total		Tk.

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ITEM RATE For Barisal O&M Circle

35273-6

ItemCode	Description	Unit Meas.	Rate (Taka)
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	102.26
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	122.78
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	123.79
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	142.98
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	128.39
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	147.58
16-660-10	300 m to 1 km and Embk. ht: 0 to 4 m with 85% Comp.	cum	237.30
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	256.49
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	241.89
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	261.08
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp	cum	289.63
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	308.82
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	294.23
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	313.42

ITEM RATE For Bhola O & M Circle

ItemCode	Description	Unit Meas.	Rate (Taka)
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	94.39
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	113.33
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	111.20
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	128.85
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	114.87
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	132.51
16-660-10	300 m to 1 km and EmbK. ht: 0 to 4 m with 85% Comp.	cum	206.59
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp..	cum	224.23
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	210.25
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	227.90
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp	cum	249.93
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	267.57
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	253.59
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	271.24

ITEM RATE For Bogra O&M Circle

ItemCode	Description	Unit Meas.	Rate (Taka)
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	94.19
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	113.09
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	110.93
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	128.53
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	114.55
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	132.16
16-660-10	300 m to 1 km and EmbK. ht: 0 to 4 m with 85% Comp.	cum	206.31
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp..	cum	223.92
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	209.93
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	227.54
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp	cum	249.65
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	267.26
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	253.27
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	270.88



ITEM RATE For Chandpur O&M Circle

ItemCode	Description	Unit Meas.	Rate (Taka
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	99.49
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	119.45
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	118.22
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	136.79
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	122.34
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	140.91
16-660-10	300 m to 1 km and Embk. ht: 0 to 4 m with 85% Comp.	cum	226.56
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	245.13
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	230.68
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	249.25
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp.	cum	274.89
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	293.46
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	279.01
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	297.58

ITEM RATE For Chittagong O&M Circle

ItemCode	Description	Unit Meas.	Rate (Taka)
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	103.25
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	123.97
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	124.17
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	143.41
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	128.82
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	148.05
16-660-10	300 m to 1 km and EmbK. ht: 0 to 4 m with 85% Comp.	cum	241.56
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	260.80
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	246.21
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	265.44
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp	cum	293.90
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	313.13
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	298.54
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	317.78



ITEM RATE For Comilla O&M Circle

ItemCode	Description	Unit Meas.	Rate (Taka)
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	96.06
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	115.33
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	112.39
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	130.28
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	116.05
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	133.94
16-660-10	300 m to 1 km and EmbK. ht: 0 to 4 m with 85% Comp.	cum	211.55
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp..	cum	229.44
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	215.22
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	233.10
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp	cum	254.89
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	272.78
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	258.56
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	276.44



ITEM RATE For Dhaka O&M Circle

ItemCode	Description	Unit Meas.	Rate (Taka)
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	104.17
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	125.07
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	125.08
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	144.50
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	129.72
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	149.15
16-660-10	300 m to 1 km and Embk. ht: 0 to 4 m with 85% Comp.	cum	246.04
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp..	cum	265.46
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	250.68
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	270.11
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp	cum	298.37
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	317.80
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	303.01
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	322.44





ITEM RATE For Feni O&M Circle

ItemCode	Description	Unit Meas.	Rate (Taka
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	102.42
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	122.97
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	123.76
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	142.93
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	128.39
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	147.56
16-660-10	300 m to 1 km and EmbK. ht: 0 to 4 m with 85% Comp.	cum	240.94
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp..	cum	260.11
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	245.56
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	264.74
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp	cum	293.28
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	312.45
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	297.90
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	317.07

ITEM RATE For Faridpur O&M Circle

ItemCode	Description	Unit Meas.	Rate (Taka)
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	94.23
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	113.14
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	110.97
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	128.58
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	114.59
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	132.20
16-660-10	300 m to 1 km and EmbK. ht: 0 to 4 m with 85% Comp.	cum	206.35
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	223.96
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	209.97
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	227.59
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp	cum	249.69
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	267.30
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	253.31
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	270.93

ITEM RATE For Jessore O&M Circle

ItemCode	Description	Unit Meas.	Rate (Taka)
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	99.97
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	120.02
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	118.41
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	137.08
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	122.07
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	140.74
16-660-10	300 m to 1 km and EmbK. ht: 0 to 4 m with 85% Comp.	cum	209.54
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	228.21
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	213.20
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	231.87
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp.	cum	256.31
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	274.98
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	259.98
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	278.65





ITEM RATE For Khulna O&M Circle

ItemCode	Description	Unit Meas.	Rate (Taka)
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	94.39
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	113.33
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	111.20
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	128.85
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	114.87
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	132.51
16-660-10	300 m to 1 km and EmbK. ht: 0 to 4 m with 85% Comp.	cum	201.23
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp..	cum	218.88
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	204.90
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	222.54
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp	cum	244.57
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	262.22
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	248.24
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	265.88

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ITEM RATE For Kushtia O&M Circle

ItemCode	Description	Unit Meas.	Rate (Taka
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	101.47
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	121.83
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	123.01
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	142.03
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	127.60
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	146.63
16-660-10	300 m to 1 km and EmbK. ht: 0 to 4 m with 85% Comp.	cum	236.51
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp..	cum	255.54
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	241.11
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	260.13
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp	cum	288.84
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	307.87
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	293.44
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	312.47



ITEM RATE For Moulvibazar O&M Circle

ItemCode	Description	Unit Meas.	Rate (Taka)
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	94.43
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	113.38
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	111.24
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	128.90
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	114.91
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	132.56
16-660-10	300 m to 1 km and EmbK. ht: 0 to 4 m with 85% Comp.	cum	204.25
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp..	cum	221.90
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	207.91
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	225.56
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp	cum	247.59
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	265.24
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	251.25
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	268.90

ITEM RATE For Mymensingh O&M Circle

ItemCode	Description	Unit Meas.	Rate (Taka)
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	102.26
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	122.78
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	123.79
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	142.98
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	128.39
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	147.58
16-660-10	300 m to 1 km and EmbK. ht: 0 to 4 m with 85% Comp.	cum	237.30
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp..	cum	256.49
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	241.89
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	261.08
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp	cum	289.63
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	308.82
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	294.23
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	313.42

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ITEM RATE For Pabna O & M Circle

ItemCode	Description	Unit Meas.	Rate (Taka)
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	94.39
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	113.33
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	111.20
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	128.85
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	114.87
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	132.51
16-660-10	300 m to 1 km and EmbK. ht: 0 to 4 m with 85% Comp.	cum	206.59
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp..	cum	224.23
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	210.25
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	227.90
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp	cum	249.93
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	267.57
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	253.59
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	271.24

ITEM RATE For Patuakhali WD Circle

ItemCode	Description	Unit Meas.	Rate (Taka)
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16. Earthwork

16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	102.26
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	122.78
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	123.79
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	142.98
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	128.39
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	147.58
16-660-10	300 m to 1 km and Embk. ht: 0 to 4 m with 85% Comp.	cum	237.30
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp..	cum	256.49
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	241.89
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	261.08
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp	cum	289.63
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	308.82
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	294.23
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	313.42

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ITEM RATE For Rajshahi O&M Circle

ItemCode	Description	Unit Meas.	Rate (Taka)
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	94.39
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	113.33
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	111.20
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	128.85
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	114.87
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	132.51
16-660-10	300 m to 1 km and Embk. ht: 0 to 4 m with 85% Comp.	cum	200.94
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp..	cum	218.58
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	204.60
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	222.25
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp	cum	244.27
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	261.92
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	247.94
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	265.59

ITEM RATE For Sylhet O&M Circle

ItemCode	Description	Unit Meas.	Rate (Taka)
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	104.17
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	125.07
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	125.08
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	144.50
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	129.72
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	149.15
16-660-10	300 m to 1 km and EmbK. ht: 0 to 4 m with 85% Comp.	cum	238.90
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp..	cum	258.33
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	243.55
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	262.97
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp	cum	291.23
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	310.66
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	295.88
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	315.30



ITEM RATE For Rangpur O&M Circle

ItemCode	Description	Unit Meas.	Rate (Taka)
16. Earthwork			
16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	92.25
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	110.76
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	109.78
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	127.14
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	113.44
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	130.80
16-660-10	300 m to 1 km and Embk. ht: 0 to 4 m with 85% Comp.	cum	202.46
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	219.82
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	206.13
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	223.49
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp.	cum	245.80
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	263.16
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	249.46
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	266.83



ITEM RATE For Thakurgaon O & M Cir Circle

ItemCode	Description	Unit Meas.	Rate (Taka
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16. Earthwork

16-640-10	Embankment by mechanical excavator, ht: 0 to 4 m	cum	102.78
16-640-20	Embankment by mechanical excavator, ht: 4 to 6 m and above	cum	123.40
16-650-10	Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.	cum	124.30
16-650-20	Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.	cum	143.60
16-650-30	Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.	cum	128.90
16-650-40	Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.	cum	148.20
16-660-10	300 m to 1 km and Embk. ht: 0 to 4 m with 85% Comp.	cum	237.81
16-660-20	300 m to 1 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	257.11
16-660-30	300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	242.40
16-660-40	300 m to 1 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	261.70
16-660-50	1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp.	cum	290.14
16-660-60	1 km to 5 km and Embk. ht: 4 to 6 m and above with 85% Comp.	cum	309.44
16-660-70	1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.	cum	294.74
16-660-80	1 km to 5 km and Embk. ht: 4 to 6 m and above with 90% Comp.	cum	314.04

(Signature) *(Signature)* *(Signature)*