

**Detailed estimate**  
**Local Government Engineering Department**

Scheme Code : 18549-23-80003  
 Road Code :  
 Financial Year : 2022-2023  
 Name of the Scheme : Improvement of road by BFS start from Ganjpur Kullaliganj Gami Road - Towards H/O Bhupati at Kholeya Union.

Scheme Preparation Date : 06-Jun-2023  
 FY & Type of Rate : 2022-2023 [Feb-23] (General)  
 District : RANGPUR  
 Upazila : RANGPUR-5

SL No	Item Code	Description of Work	Unit	Location / Component	Length	Width	Height / Depth	Area / Volume	No of Item	Total Qty of Works	Unit Rate	Amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	
1.	2.02.2.01	EFW(AE): Earth filling work with specified soil in any type of embankment, where earth shall be arranged by the contractor's own cost including royalty, cutting, carrying, filling and compacting to 85%/95%/98% of Maximum Dry Density (MDD) at Optimum Moisture Content (OMC), with hammer by throwing earth in layers not more than 150mm in each layer in proper alignment, grade, camber and side slope in all types of soil except rocky, gravelly and slushy including benching not more than 300mm in vertical and 600mm in horizontal steps along the sides while widening any embankment with clod breaking to maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm and other foreign particles stripping/ ploughing the base of embankment and borrow pit area, dug bailing, clearing jungles, bail out of water, 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. Payment will be made on compacted volume. 85% Compaction	cum		75.000	0.535	0.186	7.463	2.00	14.926	14.926	256.89	3834.34
											<b>14.926</b>	<b>3834.34</b>	

2.	2.05.1	Leveling and dressing the embankment crown, road flanks, etc. in maintenance work by earth cutting and filling as necessary with maintaining proper slope and camber including compaction etc. all complete as per direction of the E-I-C	sqm		75.000	0.600		45.000	2.00	90.000	90.000	14.11	1269.90
											<b>90.000</b>	<b>1269.90</b>	
3.	3.01.3.1	BC(300mm): Earthwork in box cutting on road crest up to 300mm depth in all types of soil. Removing soil to a safe distance, maintaining proper alignment, camber and grade including leveling, dressing and compacting the sub grade as per drawing and accepted by the Engineer-in-charge.	sqm		75.000	2.440		183.000	1.00	183.000	183.000	60.06	10990.98
											<b>183.000</b>	<b>10990.98</b>	



