

উন্মুক্ত দরপত্র বিজ্ঞপ্তি

বিশ্ব খাদ্য কর্মসূচি (WFP)-এর সহযোগিতায় রাঙ্গামাটি জেলায় বাস্তবায়নাধীন “Integrated Actions through Mother and Child Benefit Programme (MCBP) and Disaster Risk Reduction (DRR) in CHT” প্রকল্পের আওতায় CRA-RRAP-এর মাধ্যমে দুর্যোগ ঝুঁকিহাস কর্ম পরিকল্পনার আলোকে অগ্রাধিকারের ভিত্তিতে নির্বাচিত রাঙ্গামাটি সদর উপজেলার তিনটি ইউনিয়নে (কুতুকছড়ি, সাপছড়ি ও বালুখালী) এবং বান্দরবান জেলা’র তিনটি ইউনিয়নে (বান্দরবান সদর, কুহালং, জামছড়ি) দুর্যোগ সহনশীল অবকাঠামো উন্নয়নের অংশ হিসেবে রাস্তা মেরামত, এইচবিবি রাস্তা নির্মাণ, রিটেইনিং ওয়াল, পাহাড়ের ঢাল সংরক্ষণ, ড্রেন নির্মাণ (ইউ ড্রেন, এল ড্রেন), ইউনিয়নক রোড ও অন্যান্য উন্নয়নমূলক কাজ বাস্তবায়নের লক্ষ্যে পার্বত্য এলাকায় সংশ্লিষ্ট কাজের অভিজ্ঞতাসম্পন্ন ১ম শ্রেণীর ঠিকাদার হতে দরপত্র আহ্বান করা যাচ্ছে।

নিম্নে স্কীমের তথ্য (বিওকিউ) সংযুক্ত করা হলো-

(BOQ) Rangamati

1. BOQ Pkg-RMTDRR20260001
2. BOQ Pkg-RMTDRR20260002
3. BOQ Pkg-RMTDRR20260003
4. BOQ Pkg-RMTDRR20260004
5. BOQ Pkg-RMTDRR20260005
6. BOQ Pkg-RMTDRR20260006
7. BOQ Pkg-RMTDRR20260007
8. BOQ Pkg-RMTDRR20260008
9. BOQ Pkg-RMTDRR20260009
10. BOQ Pkg-RMTDRR202600010
11. BOQ Pkg-RMTDRR202600011
12. BOQ Pkg-RMTDRR202600012

(BOQ) Bandarban

1. BOQ Pkg-BANDRR20260001
2. BOQ Pkg-BANDRR20260002
3. BOQ Pkg-BANDRR20260003
4. BOQ Pkg-BANDRR20260004
5. BOQ Pkg-BANDRR20260005

Bill of Quantities (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR ASHIKA - WFP

Name of Work : 1. (48487-27-10004) Detailed Estimation for Construction of U-Drain at North Kutukchari Govt Primary School,Kutukchari Union, 1 no Ward,Under Rangamati sadar Upazila,District-Rangamati.
2. (48487-27-10006) Detailed Estimation for Construction of Toe wall at North Kutukchari Govt Primary School,Kutukchari Union, 1 no Ward,Under Rangamati sadar Upazila,District-Rangamati.

Package Number : RMT/DRR/2026/0001

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Part-1 [Detailed Estimation for Construction of U-Drain at North Kutukchari Govt Primary School,Kutukchari Union, 1 no Ward,Under Rangamati sadar Upazila,District-Rangamati.]						
1.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completion of the works or as instructed by the E-I-C. Sheetting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	2.160			
2.	(6.01.20.03) Earthwork in excavation of canals/Khals, ponds, drains etc. to lines, grades and elevation for all types of slushy or organic soil as shown in the drawings by dredging with appropriate local dredger, including carrying and disposing all excavated materials at a safe distance including levelling, dressing etc all complete including supplying all necessary tools and equipments etc., all complete as per direction of the Engineer-in-Charge. Rate is inclusive of cost of all materials, their carriages, hire charges of dredger and all other machines, equipment for excavating soil as per specification, fuels, lubricants, wages of operational staff and all incidental charges in this connection, etc. Initial distance within 600 m - 1.0 km	cum	32.040			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
3.	(3.02.1.1) Sand (FM 0.50) filling on the road bed in the improved sub-grade with sand (minimum FM 0.5) free from dust, earth, other vegetable growth, foreign materials etc. including supplying all materials, spreading, watering, compacting by appropriate mechanical means to obtain a minimum Soaked CBR 8% or Design CBR at minimum compaction 98% of Maximum Dry Density (MDD) (Modified Proctor), etc. all complete as per direction of the E-I-C.	cum	5.340			
4.	(4.06.02) Single layer brick flat soling with 1st class or picked kiln burnt bricks in foundation, filling the interstices tightly with sand of minimum FM 0.50, watering, leveling, dressing, etc. all complete as per instruction of the E-I-C.	sqm	71.200			
5.	(4.06.03) PCC-10: Plain cement concrete work in foundation with minimum compressive strength of 10 MPa at 28 days (suggested mix proportion 1:3:6) on standard cylinder as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, sand of minimum FM 1.8 and 20mm down well graded 1st class/ picked brick chips (LAA value not exceeding 40) conforming to ASTM C 33 including breaking bricks into chips, shuttering, mixing by concrete mixer machine, casting, laying compacting and curing for the requisite period etc. all complete as per direction of the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost.	cum	5.340			
6.	(4.06.05.02) Brick work with 1st class brick in specified cement mortar in foundation with sand of minimum FM 1.20 and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing at least for 7 days etc. all complete as per design, specification & direction of the E-I-C. Cement mortar (1:4)	cum	6.676			
7.	(5.12.03) Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to plinth wall with cement (1:4) up to 150 mm below ground level including washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) ground floor. [PWD 15.2]	sqm	80.100			

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SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
8.	(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 reference to laboratory density test AASHTO standard 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	8.010			
Sub-Total: Part-1 [Detailed Estimation for Construction of U-Drain at North Kutukchari Govt Primary School,Kutukchari Union, 1 no Ward,Under Rangamati sadar Upazila,District-Rangamati.]						

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Part-2 [Detailed Estimation for Construction of Toe wall at North Kutukchari Govt Primary School,Kutukchari Union, 1 no Ward,Under Rangamati sadar Upazila,District-Rangamati.]						
9.	(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 reference to laboratory density test AASHTO standard 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	56.643			
10.	(4.05.01.01.01) Earth work in excavation of foundation of structures by mechanical (Hydraulic excavator - Long Boom)/ manual means in all sorts of soil up to specified depth in accordance with requirements of lines, grades, cross sections and elevation as shown in the drawing including setting out, removal of stumps, logs, boulders and other deleterious materials, providing necessary tools and plants, construction of shoring and bracing, cleaning the excavated materials to a safe distance out of the site premises, cut to a firm surface including pumping/ bailing out water, removal of spoils to a safe distance, dressing of sides and bottom and backfilling of trenches up to original level with approved material etc. all complete as per approval of E-I-C. Contractor shall get acquainted with site conditions, nature of soil and adopt suitable adequate dewatering system as deemed fit for the nature of soil and prevailing water table to get the surface reasonably dry for laying PCC at the time of execution so that execution will not be hampered or delayed. Back-filled materials shall be compacted to a density comparable with the adjacent undisturbed material. Earth work in Ordinary Soil by Manual Means for an initial lead up to 30m For depth up to 3m	cum	32.265			
11.	(4.06.01.02) Sand filling on the prepared foundation bed with sand of specified FM in layers not more than 150mm thick including necessary carriage, leveling, watering and ramming to achieve minimum dry density (MDD) of 95% STD compaction with optimum moisture content (OMC) by ramming each layer up to finished level as per direction of E-I-C. Sand of Minimum FM 1.2	cum	5.378			

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SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
12.	(4.06.02) Single layer brick flat soling with 1st class or picked kiln burnt bricks in foundation, filling the interstices tightly with sand of minimum FM 0.50, watering, leveling, dressing, etc. all complete as per instruction of the E-I-C.	sqm	53.775			
13.	(4.06.03) PCC-10: Plain cement concrete work in foundation with minimum compressive strength of 10 MPa at 28 days (suggested mix proportion 1:3:6) on standard cylinder as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, sand of minimum FM 1.8 and 20mm down well graded 1st class/ picked brick chips (LAA value not exceeding 40) conforming to ASTM C 33 including breaking bricks into chips, shuttering, mixing by concrete mixer machine, casting, laying compacting and curing for the requisite period etc. all complete as per direction of the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost.	cum	5.378			
14.	(4.06.05.03) Brick work with 1st class brick in specified cement mortar in foundation with sand of minimum FM 1.20 and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing at least for 7 days etc. all complete as per design, specification & direction of the E-I-C. Cement mortar (1:6)	cum	44.665			
15.	(4.06.06.02) Minimum 6mm thick cement plaster including neat cement finishing over concrete faces with sand of minimum FM 1.20 and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N including washing of sand, cleaning junctions of concrete, grouting, dabbing, doing independent double-legged scaffolding, finishing the edges and corners, cleaning of surfaces and curing for requisite period etc. all complete at all leads & lifts as per drawings, specification & direction of the E-I-C. Cement mortar (1:4)	sqm	95.700			
Sub-Total: Part-2 [Detailed Estimation for Construction of Toe wall at North Kutukchari Govt Primary School,Kutukchari Union, 1 no Ward,Under Rangamati sadar Upazila,District-Rangamati.]						

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Total Price of the Tender						

The total price of our Tender is:

Tk:

[Insert value in figures]

[Insert value in Words]

Signature of the Tenderer
with Seal

This Bill of Quantity contains _____ correction(s) duly initialed and signed by the authorized person of the Tenderer.

Bill of Quantities (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR ASHIKA - WFP

Name of Work : 1. (48487-27-10002) Details Estimate for Development Road from Badalchari Bridge to Natun Kumar Chakma house, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati. (Geo Bag Part-1)
2. (48487-27-10007) Details Estimate for Development Road from Badalchari Bridge to Notun Kumar Chakma house, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati. (Cross Drain Part-2)
3. (48487-27-10008) Details Estimate for Development Road from Badalchari Bridge to Notun Kumar Chakma house, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati. (Palisading Part-3)

Package Number : RMT/DRR/2026/0002

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Part-1 [Details Estimate for Development Road from Badalchari Bridge to Natun Kumar Chakma house, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati. (Geo Bag Part-1)]						
1.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completeion of the works or as instructed by the E-I-C. Sheeting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	2.160			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
2.	(3.11.04.1) RCC-20BCCM(PW): Reinforced cement concrete in Protective Works using steel shutter, with picked brick chips and minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f'_{cr} = 28.5$ Mpa and satisfying a compressive strength $f'_c = 20$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to Portland Composite Cement (CEM-II/A-L/M/V/W 42.5N), with best quality sand [50% quantity of medium sand (FM. 1.2) and 50% quantity of coarse sand of equivalent FM = 2.2] and 25mm down well graded picked brick chips (LAA value & maximum water absorption not exceeding 38 & 15% respectively) conforming ASTM C-33, including breaking chips and screening, making, placing shutter in position and maintaining true to the alignment, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days, removing centering-shuttering after specified time approved, including cost of water, electricity, additional testing charges of materials and cylinders required by Engineer, other charges etc. all complete approved and accepted by the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractors own cost. (Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc.) Piling Work [Retail]	cum	2.448			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
3.	(4.11.01.02.01) Supplying and fabrication of Ribbed or deformed bar reinforcement for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. Measurement relating to nominal mass, dimensions and tolerances of various types of steel shall conform to relevant BDS/ ASTM codes. Reinforcement shall be measured only in lengths of bar as actually placed in position on standard weight i.e. 7850 kg/m3 (BNBC Table 6.2.1) basis. No separate payment shall be allowed for chairs of any shape & profile, spacer bar of any shape & profile, lap/splice & welding unless otherwise shown in the drawing, wastages, binding wire etc. as the cost of these is included in the unit rate. Note: Tests for reinforcing bars shall be conducted at LGED/ BUET/ CUET/ KUET/ RUET/SUST. Grade B400C-R/ B400CWR/ 400DWR: Ribbed or Deformed bar produced and marked as per BDS ISO 6935-2:2016 with minimum yield strength, f_y (ReH) = 400 MPa, but the tested yield strength shall not exceed f_y by more than the 125 MPa and the ratio of tested ultimate strength, f_u (Re) to tested yield strength (f_y) shall be at least 1.25 and minimum elongation after fracture (A5.65) & minimum total elongation at maximum force (Agt) is 17% and 8% respectively. Using retail rate of reinforcing bar	kg	768.838			
4.	(3.11.07.1) Labour charge for driving pre-cast RCC piles with drop hammer type rig in any type of soil, handling and keeping in position and driving with suitable monkey/drop hammer for small pile otherwise suitable mechanical means to the required depth including fitting and fixing steel cap, etc. cost included hire charges of machineries, tools & equipments, wages of operational staff etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge. Cost of pile driving (Size-150mmx150mm) depth up to 6 m	m	97.200			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
5.	(3.11.06) Labour for breaking head of hardened cast in situ bored pile/pre-cast pile up to a required length by any means but without damaging the rest and removing the dismantled materials such as concrete to a safe distance including scraps and cleaning concrete from steel/M.S. rods, straightening and bending of pile bars, preparation and making platform where necessary, carrying, all sorts of handling, stacking the same properly after clearing, leveling and dressing the situ and clearing the bed etc. complete in all respect and accepted by the Engineer-in-charge. (Measurement will be given for the actual pile head volume to be broken). [PWD 09.7]	cum	0.252			
6.	(3.11.04.2) RCC-20BCCM(PW): Reinforced cement concrete in Protective Works using steel shutter, with picked brick chips and minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f'_{cr} = 28.5$ Mpa and satisfying a compressive strength $f'_c = 20$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to Portland Composite Cement (CEM-II/A-L/M/V/W 42.5N), with best quality sand [50% quantity of medium sand (FM. 1.2) and 50% quantity of coarse sand of equivalent FM = 2.2] and 25mm down well graded picked brick chips (LAA value & maximum water absorption not exceeding 38 & 15% respectively) conforming ASTM C-33, including breaking chips and screening, making, placing shutter in position and maintaining true to the alignment, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days, removing centering-shuttering after specified time approved, including cost of water, electricity, additional testing charges of materials and cylinders required by Engineer, other charges etc. all complete approved and accepted by the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractors own cost. (Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc.) Vertical Wall, Grade Beams, etc. [Retail]	cum	1.800			

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SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
7.	(4.05.01.01.01) Earth work in excavation of foundation of structures by mechanical (Hydraulic excavator - Long Boom)/ manual means in all sorts of soil up to specified depth in accordance with requirements of lines, grades, cross sections and elevation as shown in the drawing including setting out, removal of stumps, logs, boulders and other deleterious materials, providing necessary tools and plants, construction of shoring and bracing, cleaning the excavated materials to a safe distance out of the site premises, cut to a firm surface including pumping/ bailing out water, removal of spoils to a safe distance, dressing of sides and bottom and backfilling of trenches up to original level with approved material etc. all complete as per approval of E-I-C. Contractor shall get acquainted with site conditions, nature of soil and adopt suitable adequate dewatering system as deemed fit for the nature of soil and prevailing water table to get the surface reasonably dry for laying PCC at the time of execution so that execution will not be hampered or delayed. Back-filled materials shall be compacted to a density comparable with the adjacent undisturbed material. Earth work in Ordinary Soil by Manual Means for an initial lead up to 30m For depth up to 3m	cum	15.600			
8.	(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 reference to laboratory density test AASHTO standard 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	54.000			

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SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
9.	(3.11.22.01) DSFGB: Supplying & dumping of soil filled geo-textile bags of different size and capacity (fill volume and weight when filled with dry sand/earth) at the specified locations along the bottom of piles of piers/ toe line properly, including loading, unloading, carrying geo-bags from stack-yard to dumping place by head load and power driven flat top country boat etc. including supplying of geo-textile bags (empty) of different sizes and capacity at project/work site conforming to the following Technical Specifications, filling of empty geo-textile bags of different sizes with suitable soil, stitching the bags by hand sewing machine in accordance with the detailed drawing and technical specifications with plastic thread, protecting the geo-textile bags from UV ray or any other damages and dumping the same in position etc. including higher charge and mobilization of all equipment, materials, labours, taxes, incidental charges etc. complete in all respect as per approved drawing, specification and direction of E-I-C. Geo-Textile Bag: Empty Size: 800mm x 650mm, Fill Volume: 0.0520 cum & Weight: 80 Kg, [Geo-Textile Grade: Grade-III-DF-40-2.3mm thick]	bag	998.000			
Sub-Total: Part-1 [Details Estimate for Development Road from Badalchari Bridge to Natun Kumar Chakma house, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati. (Geo Bag Part-1)]						

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Part-2 [Details Estimate for Development Road from Badalchari Bridge to Notun Kumar Chakma house, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati. (Cross Drain Part-2)]						
10.	(4.05.01.01.01) Earth work in excavation of foundation of structures by mechanical (Hydraulic excavator - Long Boom)/ manual means in all sorts of soil up to specified depth in accordance with requirements of lines, grades, cross sections and elevation as shown in the drawing including setting out, removal of stumps, logs, boulders and other deleterious materials, providing necessary tools and plants, construction of shoring and bracing, cleaning the excavated materials to a safe distance out of the site premises, cut to a firm surface including pumping/ bailing out water, removal of spoils to a safe distance, dressing of sides and bottom and backfilling of trenches up to original level with approved material etc. all complete as per approval of E-I-C. Contractor shall get acquainted with site conditions, nature of soil and adopt suitable adequate dewatering system as deemed fit for the nature of soil and prevailing water table to get the surface reasonably dry for laying PCC at the time of execution so that execution will not be hampered or delayed. Back-filled materials shall be compacted to a density comparable with the adjacent undisturbed material. Earth work in Ordinary Soil by Manual Means for an initial lead up to 30m For depth up to 3m	cum	29.451			
11.	(4.06.01.01) Sand filling on the prepared foundation bed with sand of specified FM in layers not more than 150mm thick including necessary carriage, leveling, watering and ramming to achieve minimum dry density (MDD) of 95% STD compaction with optimum moisture content (OMC) by ramming each layer up to finished level as per direction of E-I-C. Sand of Minimum FM 0.8	cum	1.767			
12.	(4.06.02) Single layer brick flat soling with 1st class or picked kiln burnt bricks in foundation, filling the interstices tightly with sand of minimum FM 0.50, watering, leveling, dressing, etc. all complete as per instruction of the E-I-C.	sqm	11.782			
13.	(4.06.03) PCC-10: Plain cement concrete work in foundation with minimum compressive strength of 10 MPa at 28 days (suggested mix proportion 1:3:6) on standard cylinder as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, sand of minimum FM 1.8 and 20mm down well graded 1st class/ picked brick chips (LAA value not exceeding 40) conforming to ASTM C 33 including breaking bricks into chips, shuttering, mixing by concrete mixer machine, casting, laying compacting and curing for the requisite period etc. all complete as per direction of the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost.	cum	0.884			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
14.	(4.06.05.02) Brick work with 1st class brick in specified cement mortar in foundation with sand of minimum FM 1.20 and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing at least for 7 days etc. all complete as per design, specification & direction of the E-I-C. Cement mortar (1:4)	cum	7.398			
15.	(5.12.03) Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to plinth wall with cement (1:4) up to 150 mm below ground level including washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) ground floor. [PWD 15.2]	sqm	24.300			
16.	(4.09.03.01) RCC-25SCCM: Reinforced cement concrete work with minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f_{cr} = 33.5$ MPa and satisfying a compressive strength $f_c = 25$ MPa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM II/A-L/M/V/W 42.5N, high range water reducing admixture of complying type A or F under ASTM C 494 (Doses of admixture to be fixed by the mix design), sand of minimum FM 2.5 and 20mm down well graded crushed stone chips broken from boulders (Preferably stone chips from Madhyapara, Dinajpur, LAA value not exceeding 30) conforming to ASTM C33 including breaking chips, screening through proper sieves, cleaning, placing shutter in position, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper, maintaining allowable slump of 75mm to 100mm, casting in forms, compacting by mechanical vibrator machine, curing for 28 days, removing centering-shuttering after approved specified time period, other incidental charges, etc. all complete as per drawing, specification & direction of the E-I-C. The cost of reinforcement and it's fabrication, welding, coupling, placing, binding etc. is not included but the cost of admixture is included in this unit rate. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost. [Using Concrete Mixture Machine and retail rate of Cement] For pile caps, abutment base, facing elements of Reinforced/ Mechanically Stabilized Earth Structure, bottom slab of Box Culvert etc.	cum	3.043			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
17.	(4.09.03.03.01) RCC-25SCCM: Reinforced cement concrete work with minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f'_{cr} = 33.5$ MPa and satisfying a compressive strength $f'_c = 25$ MPa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM II/A-L/M/V/W 42.5N, high range water reducing admixture of complying type A or F under ASTM C 494 (Doses of admixture to be fixed by the mix design), sand of minimum FM 2.5 and 20mm down well graded crushed stone chips broken from boulders (Preferably stone chips from Madhyapara, Dinajpur, LAA value not exceeding 30) conforming to ASTM C33 including breaking chips, screening through proper sieves, cleaning, placing shutter in position, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper, maintaining allowable slump of 75mm to 100mm, casting in forms, compacting by mechanical vibrator machine, curing for 28 days, removing centering-shuttering after approved specified time period, other incidental charges, etc. all complete as per drawing, specification & direction of the E-I-C. The cost of reinforcement and it's fabrication, welding, coupling, placing, binding etc. is not included but the cost of admixture is included in this unit rate. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost. [Using Concrete Mixture Machine and retail rate of Cement] For solid slab type super-structure including cantilever, side walk, curb and wheel guard of bridges For height up to 5 m	cum	2.946			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
18.	(4.11.01.02.01) Supplying and fabrication of Ribbed or deformed bar reinforcement for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. Measurement relating to nominal mass, dimensions and tolerances of various types of steel shall conform to relevant BDS/ ASTM codes. Reinforcement shall be measured only in lengths of bar as actually placed in position on standard weight i.e. 7850 kg/m3 (BNBC Table 6.2.1) basis. No separate payment shall be allowed for chairs of any shape & profile, spacer bar of any shape & profile, lap/splice & welding unless otherwise shown in the drawing, wastages, binding wire etc. as the cost of these is included in the unit rate. Note: Tests for reinforcing bars shall be conducted at LGED/ BUET/ CUET/ KUET/ RUET/SUST. Grade B400C-R/ B400CWR/ 400DWR: Ribbed or Deformed bar produced and marked as per BDS ISO 6935-2:2016 with minimum yield strength, f_y (ReH) = 400 MPa, but the tested yield strength shall not exceed f_y by more than the 125 MPa and the ratio of tested ultimate strength, f_u (Re) to tested yield strength (f_y) shall be at least 1.25 and minimum elongation after fracture (A5.65) & minimum total elongation at maximum force (Agt) is 17% and 8% respectively. Using retail rate of reinforcing bar	kg	512.977			
19.	(7.70.3) Construction of masonry inspection pit with 250 mm thick brick work in cement mortar (1:4) including necessary earth work, side filling and one layer brick flat soling, 75 mm thick (1:3:6) base concrete for making invert channel and 12 mm thick (1:2) cement plaster with neat finishing etc. all complete up to a depth of 700 mm approved and accepted by the Engineer- in- charge. Clear 600 x 600 mm and depth 750 mm to 900 mm, average 825 mm for single 300 mm dia R.C.C. pipes and 400 mm PVC pipe. (PWD BW 26.70.3)	each	1.000			
Sub-Total: Part-2 [Details Estimate for Development Road from Badalchari Bridge to Notun Kumar Chakma house, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati. (Cross Drain Part-2)]						

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Part-3 [Details Estimate for Development Road from Badalchari Bridge to Notun Kumar Chakma house, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati. (Palisading Part-3)]						
20.	(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 reference to laboratory density test AASHTO standard 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	55.800			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
21.	(3.11.33.01) Brick (BP-TW): Construction and Installation in position brick palisading work as per standard drawing enumerated in Appendix-6 (type design for protective work) with 375mm thick Brick Masonry work upto 500 mm height from bottom & rest 500 mm height 250mm thick Brick Masonry work and Pre cast RCC Post of 03 (three) meter long (150mmX150mm) and capping beam (200mmX150mm) using 20mm down graded crushed stone chips (LAA value not exceeding 30), sand (minimum FM 2.5) and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-M 42.5N to attain a minimum 28 days cylinder crushing compressive strength 25.00 Mpa (mixing ratio 1:1.5:3 & maximum water cement ratio 0.4) as per standard practice of code AASHTO/ASTM including supplying, fabricating and binding of 400/420 Grade MS deformed bar of required size, length and spacing. The pre-cast post must be driven by suitable monkey/drop hammer in 5/6 th of its total length @ 1 m c/c into the ground laying on proper alignment. Brick Masonry work in cement mortar (1:3), filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, including flush pointing at front face of the brick wall with cement mortar (1:2), curing for requisite period, including excavating minimum 575mm depth foundation trenches for brick wall and laying one layer polythene sheet, casting 75mm thick cement concrete (1:3:6) below the 375 mm brick work by means approved designed including form work, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge. (Unit cost includes Brick wall, all casting work, reinforcement, its fabrication, shuttering, curing for 28 days, driving of the post, lab testing charges as per design and all other incidental charges, etc.) with capping beam	m	31.000			
Sub-Total: Part-3 [Details Estimate for Development Road from Badalchari Bridge to Notun Kumar Chakma house, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati. (Palisading Part-3)]						

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Total Price of the Tender						

The total price of our Tender is:

Tk:

[Insert value in figures]

[Insert value in Words]

Signature of the Tenderer
with Seal

This Bill of Quantity contains _____correction(s) duly initialed and signed by the authorized person of the Tenderer.

Bill of Quantities (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR ASHIKA - WFP

Name of Work : Details Estimate for HBB Road and Palisading work from Lakkimoni Dokhan to kutukchari nis para bridge at Under Kutukchari Up -Upazila- Rangamati
Sadar, Rangamati.

Package Number : RMT/DRR/2026/0003

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
1.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completion of the works or as instructed by the E-I-C. Sheeting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	2.160			
2.	(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 reference to laboratory density test AASHTO standard 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	152.585			
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. [PWD 24.2.1]	sqm	555.000			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
4.	(3.02.1.1) Sand (FM 0.50) filling on the road bed in the improved sub-grade with sand (minimum FM 0.5) free from dust, earth, other vegetable growth, foreign materials etc. including supplying all materials, spreading, watering, compacting by appropriate mechanical means to obtain a minimum Soaked CBR 8% or Design CBR at minimum compaction 98% of Maximum Dry Density (MDD) (Modified Proctor), etc. all complete as per direction of the E-I-C.	cum	69.375			
5.	(3.04.3.2) EE(125mm): Brick on end edging (125mm across) with 1st class/picked bricks including cutting trenches true to level & maintaining grade, removing earth, re-filling & ramming the sides properly, including supplying and filling the gaps with local sand, etc. all complete as per direction of the E-I-C.	m	494.000			
6.	(3.08.4.1) SBFS(FM-0.50): Providing Single layer brick flat soling (BFS) with 1st class or picked bricks, true to level, maintaining camber/super elevation and grade including carrying bricks, filling the interstices tightly with sand of minimum FM 0.50, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	741.000			
7.	(3.08.5.1) SHBB(FM-0.50): Providing Brick on edge pavement in single layer of Herring Bone Bond (HBB) with 1st class or picked bricks true to level, maintaining camber, super elevation and grade, including supplying and laying 25mm thick sand (minimum FM 0.50) cushion over the BFS, filling the interstices tightly with same type of sand, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	185.000			
8.	(3.11.33.01) Brick (BP-TW): Construction and Installation in position brick palisading work as per standard drawing enumerated in Appendix-6 (type design for protective work) with 375mm thick Brick Masonry work upto 500 mm height from bottom & rest 500 mm height 250mm thick Brick Masonry work and Pre cast RCC Post of 03 (three) meter long (150mmX150mm) and capping beam (200mmX150mm) using 20mm down graded crushed stone chips (LAA value not exceeding 30), sand (minimum FM 2.5) and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-M 42.5N to attain a minimum 28 days cylinder crushing compressive strength 25.00 Mpa (mixing ratio 1:1.5:3 & maximum water cement ratio 0.4) as per standard practice of code AASHTO/ASTM including supplying, fabricating and binding of 400/420 Grade MS deformed bar of required size, length and spacing. The pre-cast post must be driven by suitable monkey/drop hammer in 5/6 th of its total length @ 1 m c/c into the ground laying on proper alignment. Brick Masonry work in cement mortar (1:3), filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, including flush pointing at front face of the brick wall with cement mortar (1:2), curing for requisite period, including excavating minimum 575mm depth foundation trenches for brick wall and laying one layer polythene sheet, casting 75mm thick cement concrete (1:3:6) below the 375 mm brick work by means approved designed including form work, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge. (Unit cost includes Brick wall, all casting work, reinforcement, its fabrication, shuttering, curing for 28 days, driving of the post, lab testing charges as per design and all other incidental charges, etc.) with capping beam	m	124.000			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Total Price of the Tender						

The total price of our Tender is:

Tk:

[Insert value in figures]

[Insert value in Words]

Signature of the Tenderer
with Seal

This Bill of Quantity contains _____ correction(s) duly initialed and signed by the authorized person of the Tenderer.

Bill of Quantities (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR ASHIKA - WFP

Name of Work : 1. (48487-27-10016) Details Estimate for HBB of 70 m RMK Road from Sonadhan Chakma Dokhan to Moddho Para Bridge, At Sapchari Moddom Para Under Sapchari Up, Upazila-Rangamati Sadar, District-Rangamati. (HBB Part-1)
2. (48487-27-10022) Details Estimate for HBB of 70 m RMK Road from Sonadhan Chakma Dokhan to Moddho Para Bridge, At Sapchari Moddom Para Under Sapchari Up, Upazila-Rangamati Sadar, District-Rangamati. (Protective Part-2)

Package Number : RMT/DRR/2026/0004

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Part-1 [Details Estimate for HBB of 70 m RMK Road from Sonadhan Chakma Dokhan to Moddho Para Bridge, At Sapchari Moddom Para Under Sapchari Up, Upazila-Rangamati Sadar, District-Rangamati. (HBB Part-1)]						
1.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completeion of the works or as instructed by the E-I-C. Sheeting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	2.160			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
2.	(14.05.01) Personal Protection Equipment for Workers: Providing and maintaining appropriate (safe design, fit and comfort) personal protection equipment (PPE) to ensure the highest possible protection for employees in establishing and maintaining a safe and healthful working environment at workplace, including demonstrating, providing training on proper understanding and development of skill in the use of PPE, including supplying (i) best quality safety jacket for construction workers made of 100% polyester waterproof fabric, fluorescent yellow/orange/green/red/blue or pantone color, (ii) suitable hand protection gloves for construction work of Flexible/ durable/ excellent puncture resistance working gloves with PVC palm and T/C drill back, pasted cuff, palm liner and fit properly and be reasonably comfortable to wear, (iii) appropriate foot protection shoes having impact-resistant toes and heat-resistant soles that will protect the feet against hot working surfaces, (iv) best quality safety helmets of ABS shell, tough, lightweight, durable which will be able to resist penetration by objects, absorb the shock of a blow and water-resistant and slow burning with available four-six-point adjustable suspension for shock-absorbing, slotted sides to accommodate accessories, such as face shields, ear muffs (v) suitable eye protection goggles to protect against specific workplace hazards, fit properly and be reasonably comfortable to wear, provide unrestricted vision and movement, including instructing workers to wear strictly during working time and reviewing periodically, updating, evaluating the effectiveness of PPE and maintaining, replacing worn or damaged PPE etc. all complete as per requirement and full satisfaction of Engineer-in-charge. Payment will be made after 100% completion of the contract successfully.	LS	1.000			
3.	(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 reference to laboratory density test AASHTO standard 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	166.320			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
4.	(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	210.000			
5.	(3.02.1.1) Sand (FM 0.50) filling on the road bed in the improved sub-grade with sand (minimum FM 0.5) free from dust, earth, other vegetable growth, foreign materials etc. including supplying all materials, spreading, watering, compacting by appropriate mechanical means to obtain a minimum Soaked CBR 8% or Design CBR at minimum compaction 98% of Maximum Dry Density (MDD) (Modified Proctor), etc. all complete as per direction of the E-I-C.	cum	31.500			
6.	(3.04.3.2) EE(125mm): Brick on end edging (125mm across) with 1st class/picked bricks including cutting trenches true to level & maintaining grade, removing earth, re-filling & ramming the sides properly, including supplying and filling the gaps with local sand, etc. all complete as per direction of the E-I-C.	m	140.000			
7.	(3.08.4.1) SBFS(FM-0.50): Providing Single layer brick flat soling (BFS) with 1st class or picked bricks, true to level, maintaining camber/super elevation and grade including carrying bricks, filling the interstices tightly with sand of minimum FM 0.50, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	210.000			
8.	(3.08.5.1) SHBB(FM-0.50): Providing Brick on edge pavement in single layer of Herring Bone Bond (HBB) with 1st class or picked bricks true to level, maintaining camber, super elevation and grade, including supplying and laying 25mm thick sand (minimum FM 0.50) cushion over the BFS, filling the interstices tightly with same type of sand, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	210.000			
Sub-Total: Part-1 [Details Estimate for HBB of 70 m RMK Road from Sonadhan Chakma Dokhan to Moddho Para Bridge, At Sapchari Moddom Para Under Sapchari Up, Upazila-Rangamati Sadar, District-Rangamati. (HBB Part-1)]						

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Part-2 [Details Estimate for HBB of 70 m RMK Road from Sonadhan Chakma Dokhan to Moddho Para Bridge, At Sapchhari Moddom Para Under Sapchhari Up, Upazila-Rangamati Sadar, District-Rangamati. (Protective Part-2)]						
9.	(4.05.01.01.01) Earth work in excavation of foundation of structures by mechanical (Hydraulic excavator - Long Boom)/ manual means in all sorts of soil up to specified depth in accordance with requirements of lines, grades, cross sections and elevation as shown in the drawing including setting out, removal of stumps, logs, boulders and other deleterious materials, providing necessary tools and plants, construction of shoring and bracing, cleaning the excavated materials to a safe distance out of the site premises, cut to a firm surface including pumping/ bailing out water, removal of spoils to a safe distance, dressing of sides and bottom and backfilling of trenches up to original level with approved material etc. all complete as per approval of E-I-C. Contractor shall get acquainted with site conditions, nature of soil and adopt suitable adequate dewatering system as deemed fit for the nature of soil and prevailing water table to get the surface reasonably dry for laying PCC at the time of execution so that execution will not be hampered or delayed. Back-filled materials shall be compacted to a density comparable with the adjacent undisturbed material. Earth work in Ordinary Soil by Manual Means for an initial lead up to 30m For depth up to 3m	cum	50.626			
10.	(4.06.01.01) Sand filling on the prepared foundation bed with sand of specified FM in layers not more than 150mm thick including necessary carriage, leveling, watering and ramming to achieve minimum dry density (MDD) of 95% STD compaction with optimum moisture content (OMC) by ramming each layer up to finished level as per direction of E-I-C. Sand of Minimum FM 0.8	cum	10.988			
11.	(4.06.02) Single layer brick flat soling with 1st class or picked kiln burnt bricks in foundation, filling the interstices tightly with sand of minimum FM 0.50, watering, leveling, dressing, etc. all complete as per instruction of the E-I-C.	sqm	146.500			
12.	(4.06.03) PCC-10: Plain cement concrete work in foundation with minimum compressive strength of 10 MPa at 28 days (suggested mix proportion 1:3:6) on standard cylinder as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, sand of minimum FM 1.8 and 20mm down well graded 1st class/ picked brick chips (LAA value not exceeding 40) conforming to ASTM C 33 including breaking bricks into chips, shuttering, mixing by concrete mixer machine, casting, laying compacting and curing for the requisite period etc. all complete as per direction of the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost.	cum	14.176			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
13.	(4.06.05.02) Brick work with 1st class brick in specified cement mortar in foundation with sand of minimum FM 1.20 and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing at least for 7 days etc. all complete as per design, specification & direction of the E-I-C. Cement mortar (1:4)	cum	67.876			
14.	(5.12.03) Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to plinth wall with cement (1:4) up to 150 mm below ground level including washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) ground floor. [PWD 15.2]	sqm	272.000			
15.	(7.70.3) Construction of masonry inspection pit with 250 mm thick brick work in cement mortar (1:4) including necessary earth work, side filling and one layer brick flat soling, 75 mm thick (1:3:6) base concrete for making invert channel and 12 mm thick (1:2) cement plaster with neat finishing etc. all complete up to a depth of 700 mm approved and accepted by the Engineer- in- charge. Clear 600 x 600 mm and depth 750 mm to 900 mm, average 825 mm for single 300 mm dia R.C.C. pipes and 400 mm PVC pipe. (PWD BW 26.70.3)	each	2.000			
Sub-Total: Part-2 [Details Estimate for HBB of 70 m RMK Road from Sonadhan Chakma Dokhan to Moddho Para Bridge, At Sapchari Moddom Para Under Sapchari Up, Upazila-Rangamati Sadar, District-Rangamati. (Protective Part-2)]						

Total Price of the Tender	
----------------------------------	--

The total price of our Tender is:

Tk:

[Insert value in figures]

[Insert value in Words]

Signature of the Tenderer
with Seal

This Bill of Quantity contains _____ correction(s) duly initialed and signed by the authorized person of the Tenderer.

Bill of Quantities (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR ASHIKA - WFP

Name of Work : Details Estimate for HBB of 43m from Deppoya Chari Bridge to Banaram Chakma House, At Deppoya Chari Para Under Sapchari Up, Upazila-Rangamati Sadar, District-Rangamati.

Package Number : RMT/DRR/2026/0005

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
1.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completion of the works or as instructed by the E-I-C. Sheeting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	2.160			
2.	(14.05.01) Personal Protection Equipment for Workers: Providing and maintaining appropriate (safe design, fit and comfort) personal protection equipment (PPE) to ensure the highest possible protection for employees in establishing and maintaining a safe and healthful working environment at workplace, including demonstrating, providing training on proper understanding and development of skill in the use of PPE, including supplying (i) best quality safety jacket for construction workers made of 100% polyester waterproof fabric, fluorescent yellow/orange/green/red/blue or pantone color, (ii) suitable hand protection gloves for construction work of Flexible/ durable/ excellent puncture resistance working gloves with PVC palm and T/C drill back, pasted cuff, palm liner and fit properly and be reasonably comfortable to wear, (iii) appropriate foot protection shoes having impact-resistant toes and heat-resistant soles that will protect the feet against hot working surfaces, (iv) best quality safety helmets of ABS shell, tough, lightweight, durable which will be able to resist penetration by objects, absorb the shock of a blow and water-resistant and slow burning with available four-six-point adjustable suspension for shock-absorbing, slotted sides to accommodate accessories, such as face shields, ear muffs (v) suitable eye protection goggles to protect against specific workplace hazards, fit properly and be reasonably comfortable to wear, provide unrestricted vision and movement, including instructing workers to wear strictly during working time and reviewing periodically, updating, evaluating the effectiveness of PPE and maintaining, replacing worn or damaged PPE etc. all complete as per requirement and full satisfaction of Engineer-in-charge. Payment will be made after 100% completion of the contract successfully.	LS	1.000			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
3.	(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 reference to laboratory density test AASHTO standard 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	154.800			
4.	(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	129.000			
5.	(3.02.1.1) Sand (FM 0.50) filling on the road bed in the improved sub-grade with sand (minimum FM 0.5) free from dust, earth, other vegetable growth, foreign materials etc. including supplying all materials, spreading, watering, compacting by appropriate mechanical means to obtain a minimum Soaked CBR 8% or Design CBR at minimum compaction 98% of Maximum Dry Density (MDD) (Modified Proctor), etc. all complete as per direction of the E-I-C.	cum	19.350			
6.	(3.04.3.2) EE(125mm): Brick on end edging (125mm across) with 1st class/picked bricks including cutting trenches true to level & maintaining grade, removing earth, re-filling & ramming the sides properly, including supplying and filling the gaps with local sand, etc. all complete as per direction of the E-I-C.	m	86.000			
7.	(3.08.4.1) SBFS(FM-0.50): Providing Single layer brick flat soling (BFS) with 1st class or picked bricks, true to level, maintaining camber/super elevation and grade including carrying bricks, filling the interstices tightly with sand of minimum FM 0.50, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	129.000			
8.	(3.08.5.1) SHBB(FM-0.50): Providing Brick on edge pavement in single layer of Herring Bone Bond (HBB) with 1st class or picked bricks true to level, maintaining camber, super elevation and grade, including supplying and laying 25mm thick sand (minimum FM 0.50) cushion over the BFS, filling the interstices tightly with same type of sand, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	129.000			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
9.	(4.06.05.02) Brick work with 1st class brick in specified cement mortar in foundation with sand of minimum FM 1.20 and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing at least for 7 days etc. all complete as per design, specification & direction of the E-I-C. Cement mortar (1:4)	cum	37.626			
Total Price of the Tender						

The total price of our Tender is:

Tk:

[Insert value in figures]

[Insert value in Words]

Signature of the Tenderer
with Seal

This Bill of Quantity contains _____ correction(s) duly initialed and signed by the authorized person of the Tenderer.

Bill of Quantities (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR ASHIKA - WFP

Name of Work : Details Estimate for HBB of 169m Road from Mala Chakma house to Chandra Moni Chakma House, At Bodipur Para Under Sapchhari Up, Upazila-Rangamati Sadar, District-Rangamati.

Package Number : RMT/DRR/2026/0006

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
1.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completion of the works or as instructed by the E-I-C. Sheeting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	2.160			
2.	(14.05.01) Personal Protection Equipment for Workers: Providing and maintaining appropriate (safe design, fit and comfort) personal protection equipment (PPE) to ensure the highest possible protection for employees in establishing and maintaining a safe and healthful working environment at workplace, including demonstrating, providing training on proper understanding and development of skill in the use of PPE, including supplying (i) best quality safety jacket for construction workers made of 100% polyester waterproof fabric, fluorescent yellow/orange/green/red/blue or pantone color, (ii) suitable hand protection gloves for construction work of Flexible/ durable/ excellent puncture resistance working gloves with PVC palm and T/C drill back, pasted cuff, palm liner and fit properly and be reasonably comfortable to wear, (iii) appropriate foot protection shoes having impact-resistant toes and heat-resistant soles that will protect the feet against hot working surfaces, (iv) best quality safety helmets of ABS shell, tough, lightweight, durable which will be able to resist penetration by objects, absorb the shock of a blow and water-resistant and slow burning with available four-six-point adjustable suspension for shock-absorbing, slotted sides to accommodate accessories, such as face shields, ear muffs (v) suitable eye protection goggles to protect against specific workplace hazards, fit properly and be reasonably comfortable to wear, provide unrestricted vision and movement, including instructing workers to wear strictly during working time and reviewing periodically, updating, evaluating the effectiveness of PPE and maintaining, replacing worn or damaged PPE etc. all complete as per requirement and full satisfaction of Engineer-in-charge. Payment will be made after 100% completion of the contract successfully.	LS	1.000			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
3.	(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 reference to laboratory density test AASHTO standard 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	161.700			
4.	(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	231.000			
5.	(3.02.1.1) Sand (FM 0.50) filling on the road bed in the improved sub-grade with sand (minimum FM 0.5) free from dust, earth, other vegetable growth, foreign materials etc. including supplying all materials, spreading, watering, compacting by appropriate mechanical means to obtain a minimum Soaked CBR 8% or Design CBR at minimum compaction 98% of Maximum Dry Density (MDD) (Modified Proctor), etc. all complete as per direction of the E-I-C.	cum	34.650			
6.	(3.04.3.2) EE(125mm): Brick on end edging (125mm across) with 1st class/picked bricks including cutting trenches true to level & maintaining grade, removing earth, re-filling & ramming the sides properly, including supplying and filling the gaps with local sand, etc. all complete as per direction of the E-I-C.	m	154.000			
7.	(3.08.4.1) SBFS(FM-0.50): Providing Single layer brick flat soling (BFS) with 1st class or picked bricks, true to level, maintaining camber/super elevation and grade including carrying bricks, filling the interstices tightly with sand of minimum FM 0.50, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	231.000			
8.	(3.08.5.1) SHBB(FM-0.50): Providing Brick on edge pavement in single layer of Herring Bone Bond (HBB) with 1st class or picked bricks true to level, maintaining camber, super elevation and grade, including supplying and laying 25mm thick sand (minimum FM 0.50) cushion over the BFS, filling the interstices tightly with same type of sand, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	231.000			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
9.	(4.06.05.02) Brick work with 1st class brick in specified cement mortar in foundation with sand of minimum FM 1.20 and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing at least for 7 days etc. all complete as per design, specification & direction of the E-I-C. Cement mortar (1:4)	cum	23.100			
10.	(3.11.04.1) RCC-20BCCM(PW): Reinforced cement concrete in Protective Works using steel shutter, with picked brick chips and minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f'_{cr} = 28.5$ Mpa and satisfying a compressive strength $f'_c = 20$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to Portland Composite Cement (CEM-II/A-L/M/V/W 42.5N), with best quality sand [50% quantity of medium sand (FM. 1.2) and 50% quantity of coarse sand of equivalent FM = 2.2] and 25mm down well graded picked brick chips (LAA value & maximum water absorption not exceeding 38 & 15% respectively) conforming ASTM C-33, including breaking chips and screening, making, placing shutter in position and maintaining true to the alignment, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days, removing centering-shuttering after specified time approved, including cost of water, electricity, additional testing charges of materials and cylinders required by Engineer, other charges etc. all complete approved and accepted by the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractors own cost. (Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc.) Piling Work [Retail]	cum	12.792			
11.	(4.11.01.02.01) Supplying and fabrication of Ribbed or deformed bar reinforcement for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. Measurement relating to nominal mass, dimensions and tolerances of various types of steel shall conform to relevant BDS/ ASTM codes. Reinforcement shall be measured only in lengths of bar as actually placed in position on standard weight i.e. 7850 kg/m3 (BNBC Table 6.2.1) basis. No separate payment shall be allowed for chairs of any shape & profile, spacer bar of any shape & profile, lap/splice & welding unless otherwise shown in the drawing, wastages, binding wire etc. as the cost of these is included in the unit rate. Note: Tests for reinforcing bars shall be conducted at LGED/ BUET/ CUET/ KUET/ RUET/SUST. Grade B400C-R/ B400CWR/ 400DWR: Ribbed or Deformed bar produced and marked as per BDS ISO 6935-2:2016 with minimum yield strength, f_y (ReH) = 400 MPa, but the tested yield strength shall not exceed f_y by more than the 125 MPa and the ratio of tested ultimate strength, f_u (Re) to tested yield strength (f_y) shall be at least 1.25 and minimum elongation after fracture (A5.65) & minimum total elongation at maximum force (Agt) is 17% and 8% respectively. Using retail rate of reinforcing bar	kg	3,146.364			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
12.	(3.11.07.1) Labour charge for driving pre-cast RCC piles with drop hammer type rig in any type of soil, handling and keeping in position and driving with suitable monkey/drop hammer for small pile otherwise suitable mechanical means to the required depth including fitting and fixing steel cap, etc. cost included hire charges of machineries, tools & equipments, wages of operational staff etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge. Cost of pile driving (Size-150mmx150mm) depth up to 6 m	m	332.280			
Total Price of the Tender						

The total price of our Tender is:
Tk:

[Insert value in figures]
[Insert value in Words]

Signature of the Tenderer
with Seal

This Bill of Quantity contains _____correction(s) duly initialed and signed by the authorized person of the Tenderer.

Bill of Quantities (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR ASHIKA - WFP

Name of Work : Details Estimate for Development Road by Geo bag from Shukkro Kumar Land to Joyamoni Chakma Land, Under Sapchhari Up, Upazila-Rangamati Sadar, District-Rangamati.

Package Number : RMT/DRR/2026/0007

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
1.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completion of the works or as instructed by the E-I-C. Sheeting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	2.160			
2.	(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 reference to laboratory density test AASHTO standard 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	216.000			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
3.	(3.11.04.1) RCC-20BCCM(PW): Reinforced cement concrete in Protective Works using steel shutter, with picked brick chips and minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f_{cr} = 28.5$ Mpa and satisfying a compressive strength $f_c = 20$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to Portland Composite Cement (CEM-II/A-L/M/V/W 42.5N), with best quality sand [50% quantity of medium sand (FM. 1.2) and 50% quantity of coarse sand of equivalent FM = 2.2] and 25mm down well graded picked brick chips (LAA value & maximum water absorption not exceeding 38 & 15% respectively) conforming ASTM C-33, including breaking chips and screening, making, placing shutter in position and maintaining true to the alignment, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days, removing centering-shuttering after specified time approved, including cost of water, electricity, additional testing charges of materials and cylinders required by Engineer, other charges etc. all complete approved and accepted by the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractors own cost. (Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc.) Piling Work [Retail]	cum	3.196			
4.	(4.11.01.02.01) Supplying and fabrication of Ribbed or deformed bar reinforcement for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. Measurement relating to nominal mass, dimensions and tolerances of various types of steel shall conform to relevant BDS/ ASTM codes. Reinforcement shall be measured only in lengths of bar as actually placed in position on standard weight i.e. 7850 kg/m ³ (BNBC Table 6.2.1) basis. No separate payment shall be allowed for chairs of any shape & profile, spacer bar of any shape & profile, lap/splice & welding unless otherwise shown in the drawing, wastages, binding wire etc. as the cost of these is included in the unit rate. Note: Tests for reinforcing bars shall be conducted at LGED/ BUET/ CUET/ KUET/ RUET/SUST. Grade B400C-R/ B400CWR/ 400DWR: Ribbed or Deformed bar produced and marked as per BDS ISO 6935-2:2016 with minimum yield strength, f_y (ReH) = 400 MPa, but the tested yield strength shall not exceed f_y by more than the 125 MPa and the ratio of tested ultimate strength, f_u (Re) to tested yield strength (f_y) shall be at least 1.25 and minimum elongation after fracture (A5.65) & minimum total elongation at maximum force (Agt) is 17% and 8% respectively. Using retail rate of reinforcing bar	kg	1,008.259			
5.	(3.11.07.1) Labour charge for driving pre-cast RCC piles with drop hammer type rig in any type of soil, handling and keeping in position and driving with suitable monkey/drop hammer for small pile otherwise suitable mechanical means to the required depth including fitting and fixing steel cap, etc. cost included hire charges of machineries, tools & equipments, wages of operational staff etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge. Cost of pile driving (Size-150mmx150mm) depth up to 6 m	m	126.900			

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SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
6.	(3.11.06) Labour for breaking head of hardened cast in situ bored pile/pre-cast pile up to a required length by any means but without damaging the rest and removing the dismantled materials such as concrete to a safe distance including scraps and cleaning concrete from steel/M.S. rods, straightening and bending of pile bars, preparation and making platform where necessary, carrying, all sorts of handling, stacking the same properly after clearing, leveling and dressing the situ and clearing the bed etc. complete in all respect and accepted by the Engineer-in-charge. (Measurement will be given for the actual pile head volume to be broken). [PWD 09.7]	cum	0.329			
7.	(3.11.04.2) RCC-20BCCM(PW): Reinforced cement concrete in Protective Works using steel shutter, with picked brick chips and minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f'_{cr} = 28.5$ Mpa and satisfying a compressive strength $f'_c = 20$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to Portland Composite Cement (CEM-II/A-L/M/V/W 42.5N), with best quality sand [50% quantity of medium sand (FM. 1.2) and 50% quantity of coarse sand of equivalent FM = 2.2] and 25mm down well graded picked brick chips (LAA value & maximum water absorption not exceeding 38 & 15% respectively) conforming ASTM C-33, including breaking chips and screening, making, placing shutter in position and maintaining true to the alignment, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days, removing centering-shuttering after specified time approved, including cost of water, electricity, additional testing charges of materials and cylinders required by Engineer, other charges etc. all complete approved and accepted by the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractors own cost. (Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc.) Vertical Wall, Grade Beams, etc. [Retail]	cum	2.400			
8.	(4.05.01.01.01) Earth work in excavation of foundation of structures by mechanical (Hydraulic excavator - Long Boom)/ manual means in all sorts of soil up to specified depth in accordance with requirements of lines, grades, cross sections and elevation as shown in the drawing including setting out, removal of stumps, logs, boulders and other deleterious materials, providing necessary tools and plants, construction of shoring and bracing, cleaning the excavated materials to a safe distance out of the site premises, cut to a firm surface including pumping/ bailing out water, removal of spoils to a safe distance, dressing of sides and bottom and backfilling of trenches up to original level with approved material etc. all complete as per approval of E-I-C. Contractor shall get acquainted with site conditions, nature of soil and adopt suitable adequate dewatering system as deemed fit for the nature of soil and prevailing water table to get the surface reasonably dry for laying PCC at the time of execution so that execution will not be hampered or delayed. Back-filled materials shall be compacted to a density comparable with the adjacent undisturbed material. Earth work in Ordinary Soil by Manual Means for an initial lead up to 30m For depth up to 3m	cum	20.800			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
9.	(3.11.22.01) DSFGB: Supplying & dumping of soil filled geo-textile bags of different size and capacity (fill volume and weight when filled with dry sand/earth) at the specified locations along the bottom of piles of piers/ toe line properly, including loading, unloading, carrying geo-bags from stack-yard to dumping place by head load and power driven flat top country boat etc. including supplying of geo-textile bags (empty) of different sizes and capacity at project/work site conforming to the following Technical Specifications, filling of empty geo-textile bags of different sizes with suitable soil, stitching the bags by hand sewing machine in accordance with the detailed drawing and technical specifications with plastic thread, protecting the geo-textile bags from UV ray or any other damages and dumping the same in position etc. including higher charge and mobilization of all equipment, materials, labours, taxes, incidental charges etc. complete in all respect as per approved drawing, specification and direction of E-I-C. Geo-Textile Bag: Empty Size: 800mm x 650mm, Fill Volume: 0.0520 cum & Weight: 80 Kg, [Geo-Textile Grade: Grade-III-DF-40-2.3mm thick]	bag	1,332.000			
Total Price of the Tender						

The total price of our Tender is:

Tk:

[Insert value in figures]

[Insert value in Words]

Signature of the Tenderer
with Seal

This Bill of Quantity contains _____ correction(s) duly initialed and signed by the authorized person of the Tenderer.

Bill of Quantities (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR ASHIKA - WFP

Name of Work : 1. (48487-27-10011) Details Estimate of Development by Earthen Road and Cross Drain From Kampong Chakma Jomi to Bodipur Bihar Road, at Bodipur Para, Under Sapchari Up, Upazila-Rangamati Sadar, District-Rangamati. (Cross Drain Part-1)
2. (48487-27-10025) Details Estimate of Development by Earthen Road and Cross Drain From Kampong Chakma Jomi to Bodipur Bihar Road, at Bodipur Para, Under Sapchari Up, Upazila-Rangamati Sadar, District-Rangamati. (Geo Bag Part-2)

Package Number : RMT/DRR/2026/0008

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Part-1 [Details Estimate of Development by Earthen Road and Cross Drain From Kampong Chakma Jomi to Bodipur Bihar Road, at Bodipur Para, Under Sapchari Up, Upazila-Rangamati Sadar, District-Rangamati. (Cross Drain Part-1)]						
1.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completeion of the works or as instructed by the E-I-C. Sheeting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	2.160			

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SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
2.	(4.05.01.01.01) Earth work in excavation of foundation of structures by mechanical (Hydraulic excavator - Long Boom)/ manual means in all sorts of soil up to specified depth in accordance with requirements of lines, grades, cross sections and elevation as shown in the drawing including setting out, removal of stumps, logs, boulders and other deleterious materials, providing necessary tools and plants, construction of shoring and bracing, cleaning the excavated materials to a safe distance out of the site premises, cut to a firm surface including pumping/ bailing out water, removal of spoils to a safe distance, dressing of sides and bottom and backfilling of trenches up to original level with approved material etc. all complete as per approval of E-I-C. Contractor shall get acquainted with site conditions, nature of soil and adopt suitable adequate dewatering system as deemed fit for the nature of soil and prevailing water table to get the surface reasonably dry for laying PCC at the time of execution so that execution will not be hampered or delayed. Back-filled materials shall be compacted to a density comparable with the adjacent undisturbed material. Earth work in Ordinary Soil by Manual Means for an initial lead up to 30m For depth up to 3m	cum	30.236			
3.	(4.06.01.01) Sand filling on the prepared foundation bed with sand of specified FM in layers not more than 150mm thick including necessary carriage, leveling, watering and ramming to achieve minimum dry density (MDD) of 95% STD compaction with optimum moisture content (OMC) by ramming each layer up to finished level as per direction of E-I-C. Sand of Minimum FM 0.8	cum	1.767			
4.	(4.06.02) Single layer brick flat soling with 1st class or picked kiln burnt bricks in foundation, filling the interstices tightly with sand of minimum FM 0.50, watering, leveling, dressing, etc. all complete as per instruction of the E-I-C.	sqm	11.782			
5.	(4.06.03) PCC-10: Plain cement concrete work in foundation with minimum compressive strength of 10 MPa at 28 days (suggested mix proportion 1:3:6) on standard cylinder as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, sand of minimum FM 1.8 and 20mm down well graded 1st class/ picked brick chips (LAA value not exceeding 40) conforming to ASTM C 33 including breaking bricks into chips, shuttering, mixing by concrete mixer machine, casting, laying compacting and curing for the requisite period etc. all complete as per direction of the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost.	cum	0.884			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
6.	(4.06.05.02) Brick work with 1st class brick in specified cement mortar in foundation with sand of minimum FM 1.20 and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing at least for 7 days etc. all complete as per design, specification & direction of the E-I-C. Cement mortar (1:4)	cum	10.686			
7.	(5.12.03) Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to plinth wall with cement (1:4) up to 150 mm below ground level including washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) ground floor. [PWD 15.2]	sqm	35.100			
8.	(4.09.03.01) RCC-25SCCM: Reinforced cement concrete work with minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f_{cr} = 33.5$ MPa and satisfying a compressive strength $f_c = 25$ MPa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM II/A-L/M/V/W 42.5N, high range water reducing admixture of complying type A or F under ASTM C 494 (Doses of admixture to be fixed by the mix design), sand of minimum FM 2.5 and 20mm down well graded crushed stone chips broken from boulders (Preferably stone chips from Madhyapara, Dinajpur, LAA value not exceeding 30) conforming to ASTM C33 including breaking chips, screening through proper sieves, cleaning, placing shutter in position, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper, maintaining allowable slump of 75mm to 100mm, casting in forms, compacting by mechanical vibrator machine, curing for 28 days, removing centering-shuttering after approved specified time period, other incidental charges, etc. all complete as per drawing, specification & direction of the E-I-C. The cost of reinforcement and it's fabrication, welding, coupling, placing, binding etc. is not included but the cost of admixture is included in this unit rate. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost. [Using Concrete Mixture Machine and retail rate of Cement] For pile caps, abutment base, facing elements of Reinforced/ Mechanically Stabilized Earth Structure, bottom slab of Box Culvert etc.	cum	2.946			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
9.	(4.09.03.03.01) RCC-25SCCM: Reinforced cement concrete work with minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f'_{cr} = 33.5$ MPa and satisfying a compressive strength $f'_c = 25$ MPa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM II/A-L/M/V/W 42.5N, high range water reducing admixture of complying type A or F under ASTM C 494 (Doses of admixture to be fixed by the mix design), sand of minimum FM 2.5 and 20mm down well graded crushed stone chips broken from boulders (Preferably stone chips from Madhyapara, Dinajpur, LAA value not exceeding 30) conforming to ASTM C33 including breaking chips, screening through proper sieves, cleaning, placing shutter in position, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper, maintaining allowable slump of 75mm to 100mm, casting in forms, compacting by mechanical vibrator machine, curing for 28 days, removing centering-shuttering after approved specified time period, other incidental charges, etc. all complete as per drawing, specification & direction of the E-I-C. The cost of reinforcement and it's fabrication, welding, coupling, placing, binding etc. is not included but the cost of admixture is included in this unit rate. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost. [Using Concrete Mixture Machine and retail rate of Cement] For solid slab type super-structure including cantilever, side walk, curb and wheel guard of bridges For height up to 5 m	cum	2.946			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
10.	(4.11.01.02.01) Supplying and fabrication of Ribbed or deformed bar reinforcement for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. Measurement relating to nominal mass, dimensions and tolerances of various types of steel shall conform to relevant BDS/ ASTM codes. Reinforcement shall be measured only in lengths of bar as actually placed in position on standard weight i.e. 7850 kg/m3 (BNBC Table 6.2.1) basis. No separate payment shall be allowed for chairs of any shape & profile, spacer bar of any shape & profile, lap/splice & welding unless otherwise shown in the drawing, wastages, binding wire etc. as the cost of these is included in the unit rate. Note: Tests for reinforcing bars shall be conducted at LGED/ BUET/ CUET/ KUET/ RUET/SUST. Grade B400C-R/ B400CWR/ 400DWR: Ribbed or Deformed bar produced and marked as per BDS ISO 6935-2:2016 with minimum yield strength, f_y (ReH) = 400 MPa, but the tested yield strength shall not exceed f_y by more than the 125 MPa and the ratio of tested ultimate strength, f_u (Re) to tested yield strength (f_y) shall be at least 1.25 and minimum elongation after fracture (A5.65) & minimum total elongation at maximum force (Agt) is 17% and 8% respectively. Using retail rate of reinforcing bar	kg	512.977			
Sub-Total: Part-1 [Details Estimate of Development by Earthen Road and Cross Drain From Kampong Chakma Jomi to Bodipur Bihar Road, at Bodipur Para, Under Sapchhari Up, Upazila-Rangamati Sadar, District-Rangamati. (Cross Drain Part-1)]						

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SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Part-2 [Details Estimate of Development by Earthen Road and Cross Drain From Kampong Chakma Jomi to Bodipur Bihar Road, at Bodipur Para, Under Sapchari Up, Upazila-Rangamati Sadar, District-Rangamati. (Geo Bag Part-2)]						
11.	(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 reference to laboratory density test AASHTO standard 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	72.000			
12.	(3.11.04.1) RCC-20BCCM(PW): Reinforced cement concrete in Protective Works using steel shutter, with picked brick chips and minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f'_{cr} = 28.5$ Mpa and satisfying a compressive strength $f'_c = 20$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to Portland Composite Cement (CEM-II/A-L/M/V/W 42.5N), with best quality sand [50% quantity of medium sand (FM. 1.2) and 50% quantity of coarse sand of equivalent FM = 2.2] and 25mm down well graded picked brick chips (LAA value & maximum water absorption not exceeding 38 & 15% respectively) conforming ASTM C-33, including breaking chips and screening, making, placing shutter in position and maintaining true to the alignment, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days, removing centering-shuttering after specified time approved, including cost of water, electricity, additional testing charges of materials and cylinders required by Engineer, other charges etc. all complete approved and accepted by the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractors own cost. (Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc.) Piling Work [Retail]	cum	1.224			

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SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
13.	(4.11.01.02.01) Supplying and fabrication of Ribbed or deformed bar reinforcement for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. Measurement relating to nominal mass, dimensions and tolerances of various types of steel shall conform to relevant BDS/ ASTM codes. Reinforcement shall be measured only in lengths of bar as actually placed in position on standard weight i.e. 7850 kg/m3 (BNBC Table 6.2.1) basis. No separate payment shall be allowed for chairs of any shape & profile, spacer bar of any shape & profile, lap/splice & welding unless otherwise shown in the drawing, wastages, binding wire etc. as the cost of these is included in the unit rate. Note: Tests for reinforcing bars shall be conducted at LGED/ BUET/ CUET/ KUET/ RUET/SUST. Grade B400C-R/ B400CWR/ 400DWR: Ribbed or Deformed bar produced and marked as per BDS ISO 6935-2:2016 with minimum yield strength, fy (ReH) = 400 MPa, but the tested yield strength shall not exceed fy by more than the 125 MPa and the ratio of tested ultimate strength, fu (Re) to tested yield strength (fy) shall be at least 1.25 and minimum elongation after fracture (A5.65) & minimum total elongation at maximum force (Agt) is 17% and 8% respectively. Using retail rate of reinforcing bar	kg	390.153			
14.	(3.11.07.1) Labour charge for driving pre-cast RCC piles with drop hammer type rig in any type of soil, handling and keeping in position and driving with suitable monkey/drop hammer for small pile otherwise suitable mechanical means to the required depth including fitting and fixing steel cap, etc. cost included hire charges of machineries, tools & equipments, wages of operational staff etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge. Cost of pile driving (Size-150mmx150mm) depth up to 6 m	m	48.600			

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SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
15.	(3.11.06) Labour for breaking head of hardened cast in situ bored pile/pre-cast pile up to a required length by any means but without damaging the rest and removing the dismantled materials such as concrete to a safe distance including scraps and cleaning concrete from steel/M.S. rods, straightening and bending of pile bars, preparation and making platform where necessary, carrying, all sorts of handling, stacking the same properly after clearing, leveling and dressing the situ and clearing the bed etc. complete in all respect and accepted by the Engineer-in-charge. (Measurement will be given for the actual pile head volume to be broken). [PWD 09.7]	cum	0.126			
16.	(3.11.04.2) RCC-20BCCM(PW): Reinforced cement concrete in Protective Works using steel shutter, with picked brick chips and minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f'_{cr} = 28.5$ Mpa and satisfying a compressive strength $f'_c = 20$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to Portland Composite Cement (CEM-II/A-L/M/V/W 42.5N), with best quality sand [50% quantity of medium sand (FM. 1.2) and 50% quantity of coarse sand of equivalent FM = 2.2] and 25mm down well graded picked brick chips (LAA value & maximum water absorption not exceeding 38 & 15% respectively) conforming ASTM C-33, including breaking chips and screening, making, placing shutter in position and maintaining true to the alignment, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days, removing centering-shuttering after specified time approved, including cost of water, electricity, additional testing charges of materials and cylinders required by Engineer, other charges etc. all complete approved and accepted by the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractors own cost. (Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc.) Vertical Wall, Grade Beams, etc. [Retail]	cum	0.960			

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SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
17.	(4.05.01.01.01) Earth work in excavation of foundation of structures by mechanical (Hydraulic excavator - Long Boom)/ manual means in all sorts of soil up to specified depth in accordance with requirements of lines, grades, cross sections and elevation as shown in the drawing including setting out, removal of stumps, logs, boulders and other deleterious materials, providing necessary tools and plants, construction of shoring and bracing, cleaning the excavated materials to a safe distance out of the site premises, cut to a firm surface including pumping/ bailing out water, removal of spoils to a safe distance, dressing of sides and bottom and backfilling of trenches up to original level with approved material etc. all complete as per approval of E-I-C. Contractor shall get acquainted with site conditions, nature of soil and adopt suitable adequate dewatering system as deemed fit for the nature of soil and prevailing water table to get the surface reasonably dry for laying PCC at the time of execution so that execution will not be hampered or delayed. Back-filled materials shall be compacted to a density comparable with the adjacent undisturbed material. Earth work in Ordinary Soil by Manual Means for an initial lead up to 30m For depth up to 3m	cum	8.320			
18.	(3.11.22.01) DSFGB: Supplying & dumping of soil filled geo-textile bags of different size and capacity (fill volume and weight when filled with dry sand/earth) at the specified locations along the bottom of piles of piers/ toe line properly, including loading, unloading, carrying geo-bags from stack-yard to dumping place by head load and power driven flat top country boat etc. including supplying of geo-textile bags (empty) of different sizes and capacity at project/work site conforming to the following Technical Specifications, filling of empty geo-textile bags of different sizes with suitable soil, stitching the bags by hand sewing machine in accordance with the detailed drawing and technical specifications with plastic thread, protecting the geo-textile bags from UV ray or any other damages and dumping the same in position etc. including higher charge and mobilization of all equipment, materials, labours, taxes, incidental charges etc. complete in all respect as per approved drawing, specification and direction of E-I-C. Geo-Textile Bag: Empty Size: 800mm x 650mm, Fill Volumn: 0.0520 cum & Weight: 80 Kg, [Geo-Textile Grade: Grade-III-DF-40-2.3mm thick]	bag	532.000			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
19.	(14.05.01) Personal Protection Equipment for Workers: Providing and maintaining appropriate (safe design, fit and comfort) personal protection equipment (PPE) to ensure the highest possible protection for employees in establishing and maintaining a safe and healthful working environment at workplace, including demonstrating, providing training on proper understanding and development of skill in the use of PPE, including supplying (i) best quality safety jacket for construction workers made of 100% polyester waterproof fabric, fluorescent yellow/orange/green/red/blue or pantone color, (ii) suitable hand protection gloves for construction work of Flexible/ durable/ excellent puncture resistance working gloves with PVC palm and T/C drill back, pasted cuff, palm liner and fit properly and be reasonably comfortable to wear, (iii) appropriate foot protection shoes having impact-resistant toes and heat-resistant soles that will protect the feet against hot working surfaces, (iv) best quality safety helmets of ABS shell, tough, lightweight, durable which will be able to resist penetration by objects, absorb the shock of a blow and water-resistant and slow burning with available four-six-point adjustable suspension for shock-absorbing, slotted sides to accommodate accessories, such as face shields, ear muffs (v) suitable eye protection goggles to protect against specific workplace hazards, fit properly and be reasonably comfortable to wear, provide unrestricted vision and movement, including instructing workers to wear strictly during working time and reviewing periodically, updating, evaluating the effectiveness of PPE and maintaining, replacing worn or damaged PPE etc. all complete as per requirement and full satisfaction of Engineer-in-charge. Payment will be made after 100% completion of the contract successfully.	LS	1.000			
Sub-Total: Part-2 [Details Estimate of Development by Earthen Road and Cross Drain From Kampong Chakma Jomi to Bodipur Bihar Road, at Bodipur Para, Under Sapchhari Up, Upazila-Rangamati Sadar, District-Rangamati. (Geo Bag Part-2)]						

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Total Price of the Tender						

The total price of our Tender is:

Tk:

[Insert value in figures]

[Insert value in Words]

Signature of the Tenderer
with Seal

This Bill of Quantity contains _____correction(s) duly initialed and signed by the authorized person of the Tenderer.

Bill of Quantities (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR ASHIKA - WFP

Name of Work : 1. (48487-27-10012) Details Estimate for Development HBB Road from Sunil Chakma Dokan to Moyossor Chakma House at Marangchari Para, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati. (HBB Part-1)

 2. (48487-27-10027) Details Estimate for Development HBB Road from Sunil Chakma Dokan to Moyossor Chakma House at Marangchari Para, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati (Geo Bag Part-2)

 3. (48487-27-10028) Details Estimate for Development HBB Road from Sunil Chakma Dokan to Moyossor Chakma House at Marangchari Para, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati (L-Drain Part-3)

Package Number : RMT/DRR/2026/0009

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Part-1 [Details Estimate for Development HBB Road from Sunil Chakma Dokan to Moyossor Chakma House at Marangchari Para, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati. (HBB Part-1)]						
1.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completion of the works or as instructed by the E-I-C. Sheeting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	2.160			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
2.	(14.05.01) Personal Protection Equipment for Workers: Providing and maintaining appropriate (safe design, fit and comfort) personal protection equipment (PPE) to ensure the highest possible protection for employees in establishing and maintaining a safe and healthful working environment at workplace, including demonstrating, providing training on proper understanding and development of skill in the use of PPE, including supplying (i) best quality safety jacket for construction workers made of 100% polyester waterproof fabric, fluorescent yellow/orange/green/red/blue or pantone color, (ii) suitable hand protection gloves for construction work of Flexible/ durable/ excellent puncture resistance working gloves with PVC palm and T/C drill back, pasted cuff, palm liner and fit properly and be reasonably comfortable to wear, (iii) appropriate foot protection shoes having impact-resistant toes and heat-resistant soles that will protect the feet against hot working surfaces, (iv) best quality safety helmets of ABS shell, tough, lightweight, durable which will be able to resist penetration by objects, absorb the shock of a blow and water-resistant and slow burning with available four-six-point adjustable suspension for shock-absorbing, slotted sides to accommodate accessories, such as face shields, ear muffs (v) suitable eye protection goggles to protect against specific workplace hazards, fit properly and be reasonably comfortable to wear, provide unrestricted vision and movement, including instructing workers to wear strictly during working time and reviewing periodically, updating, evaluating the effectiveness of PPE and maintaining, replacing worn or damaged PPE etc. all complete as per requirement and full satisfaction of Engineer-in-charge. Payment will be made after 100% completion of the contract successfully.	LS	1.000			
3.	(1.13) Temporary Toilet: Construction of temporary toilets in work site/ rest area complete as per design and specifications and approved by the Engineer-in-Charge. There should be 1 camp in each site. In each camp, there should be 1 no of toilet for women and 1 no of toilet for men	each	1.000			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
4.	(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 reference to laboratory density test AASHTO standard 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 up to 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 center 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	161.604			
5.	(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	1,739.720			
6.	(3.02.1.1) Sand (FM 0.50) filling on the road bed in the improved sub-grade with sand (minimum FM 0.5) free from dust, earth, other vegetable growth, foreign materials etc. including supplying all materials, spreading, watering, compacting by appropriate mechanical means to obtain a minimum Soaked CBR 8% or Design CBR at minimum compaction 98% of Maximum Dry Density (MDD) (Modified Proctor), etc. all complete as per direction of the E-I-C.	cum	260.958			
7.	(3.04.3.2) EE (125mm): Brick on end edging (125mm across) with 1st class/picked bricks including cutting trenches true to level & maintaining grade, removing earth, re-filling & ramming the sides properly, including supplying and filling the gaps with local sand, etc. all complete as per direction of the E-I-C.	m	979.857			
8.	(3.08.4.1) SBFS(FM-0.50): Providing Single layer brick flat soling (BFS) with 1st class or picked bricks, true to level, maintaining camber/super elevation and grade including carrying bricks, filling the interstices tightly with sand of minimum FM 0.50, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	485.460			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
9.	(3.08.5.1) SHBB(FM-0.50): Providing Brick on edge pavement in single layer of Herring Bone Bond (HBB) with 1st class or picked bricks true to level, maintaining camber, super elevation and grade, including supplying and laying 25mm thick sand (minimum FM 0.50) cushion over the BFS, filling the interstices tightly with same type of sand, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	1,122.260			
10.	(3.04.1.2) PiEE(125mm): Labour charge for picking up the existing brick on end edging (125mm across) including staking the materials at a specified distance, etc. all complete as per direction of the E-I-C.	m	153.000			
11.	(3.04.1.1) PiEE(75mm): Labour charge for picking up the existing brick on end edging (75mm across) including staking the materials at a specified distance, etc. all complete as per direction of the E-I-C.	m	513.000			
12.	(3.04.2.2) ReEE(125mm): Labour charge for Resetting the brick on end edging (125mm across) with 1st class/picked bricks including cutting trenches true to level & maintaining grade, removing earth, re-filling & ramming the sides properly, including supplying and filling the gaps with local sand, etc. all complete as per direction of the E-I-C.	m	446.143			
13.	(3.08.1.1) PiBFS: Labour charge for picking up the existing brick flat (BFS) soling and staking the materials at a specified distance, etc. all complete as per direction of the E-I-C.	sqm	1,254.260			
14.	(3.08.2.1) ReBFS(FM-0.50): Labour charge for Resetting of Single layer brick flat soling (BFS) with 1st class or picked bricks, true to level, maintaining camber/super elevation and grade including carrying bricks, supplying and filling the interstices tightly with sand of minimum FM 0.50, etc. all complete as per direction of the E-I-C.	sqm	1,254.260			
15.	(3.08.1.2) PiHBB: Labour charge for picking up the existing HBB and staking the materials at a specified distance, etc. all complete as per direction of the E-I-C.	sqm	617.460			
16.	(3.08.3.1) ReHBB(FM-0.50): Labour charge for Resetting of Brick on edge pavement in single layer of Herring Bone Bond (HBB) with 1st class or picked bricks true to level, maintaining camber, super elevation and grade over 25mm thick sand (minimum FM 0.50) cushion including filling the interstices tightly with same type of sand, etc. including supplying sand all complete as per direction of the E-I-C.	sqm	617.460			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Sub-Total: Part-1 [Details Estimate for Development HBB Road from Sunil Chakma Dokan to Moyossor Chakma House at Marangchari Para, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati. (HBB Part-1)]						

Part-2 [Details Estimate for Development HBB Road from Sunil Chakma Dokan to Moyossor Chakma House at Marangchari Para, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati (Geo Bag Part-2)]						
17.	(3.11.04.1) RCC-20BCCM(PW): Reinforced cement concrete in Protective Works using steel shutter, with picked brick chips and minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f'_{cr} = 28.5$ Mpa and satisfying a compressive strength $f'_c = 20$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to Portland Composite Cement (CEM-II/A-L/M/V/W 42.5N), with best quality sand [50% quantity of medium sand (FM. 1.2) and 50% quantity of coarse sand of equivalent FM = 2.2] and 25mm down well graded picked brick chips (LAA value & maximum water absorption not exceeding 38 & 15% respectively) conforming ASTM C-33, including breaking chips and screening, making, placing shutter in position and maintaining true to the alignment, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days, removing centering-shuttering after specified time approved, including cost of water, electricity, additional testing charges of materials and cylinders required by Engineer, other charges etc. all complete approved and accepted by the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractors own cost. (Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc.) Piling Work [Retail]	cum	4.896			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
18.	(4.11.01.02.01) Supplying and fabrication of Ribbed or deformed bar reinforcement for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. Measurement relating to nominal mass, dimensions and tolerances of various types of steel shall conform to relevant BDS/ ASTM codes. Reinforcement shall be measured only in lengths of bar as actually placed in position on standard weight i.e. 7850 kg/m3 (BNBC Table 6.2.1) basis. No separate payment shall be allowed for chairs of any shape & profile, spacer bar of any shape & profile, lap/splice & welding unless otherwise shown in the drawing, wastages, binding wire etc. as the cost of these is included in the unit rate. Note: Tests for reinforcing bars shall be conducted at LGED/ BUET/ CUET/ KUET/ RUET/SUST. Grade B400C-R/ B400CWR/ 400DWR: Ribbed or Deformed bar produced and marked as per BDS ISO 6935-2:2016 with minimum yield strength, fy (ReH) = 400 MPa, but the tested yield strength shall not exceed fy by more than the 125 MPa and the ratio of tested ultimate strength, fu (Re) to tested yield strength (fy) shall be at least 1.25 and minimum elongation after fracture (A5.65) & minimum total elongation at maximum force (Agt) is 17% and 8% respectively. Using retail rate of reinforcing bar	kg	1,543.242			
19.	(3.11.07.1) Labour charge for driving pre-cast RCC piles with drop hammer type rig in any type of soil, handling and keeping in position and driving with suitable monkey/drop hammer for small pile otherwise suitable mechanical means to the required depth including fitting and fixing steel cap, etc. cost included hire charges of machineries, tools & equipments, wages of operational staff etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge. Cost of pile driving (Size-150mmx150mm) depth up to 6 m	m	194.400			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
20.	(3.11.06) Labour for breaking head of hardened cast in situ bored pile/pre-cast pile up to a required length by any means but without damaging the rest and removing the dismantled materials such as concrete to a safe distance including scraps and cleaning concrete from steel/M.S. rods, straightening and bending of pile bars, preparation and making platform where necessary, carrying, all sorts of handling, stacking the same properly after clearing, leveling and dressing the situ and clearing the bed etc. complete in all respect and accepted by the Engineer-in-charge. (Measurement will be given for the actual pile head volume to be broken). [PWD 09.7]	cum	0.504			
21.	(3.11.04.2) RCC-20BCCM(PW): Reinforced cement concrete in Protective Works using steel shutter, with picked brick chips and minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f'_{cr} = 28.5$ Mpa and satisfying a compressive strength $f'_c = 20$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to Portland Composite Cement (CEM-II/A-L/M/V/W 42.5N), with best quality sand [50% quantity of medium sand (FM. 1.2) and 50% quantity of coarse sand of equivalent FM = 2.2] and 25mm down well graded picked brick chips (LAA value & maximum water absorption not exceeding 38 & 15% respectively) conforming ASTM C-33, including breaking chips and screening, making, placing shutter in position and maintaining true to the alignment, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days, removing centering-shuttering after specified time approved, including cost of water, electricity, additional testing charges of materials and cylinders required by Engineer, other charges etc. all complete approved and accepted by the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractors own cost. (Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc.) Vertical Wall, Grade Beams, etc. [Retail]	cum	3.660			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
22.	(4.05.01.01.01) Earth work in excavation of foundation of structures by mechanical (Hydraulic excavator - Long Boom)/ manual means in all sorts of soil up to specified depth in accordance with requirements of lines, grades, cross sections and elevation as shown in the drawing including setting out, removal of stumps, logs, boulders and other deleterious materials, providing necessary tools and plants, construction of shoring and bracing, cleaning the excavated materials to a safe distance out of the site premises, cut to a firm surface including pumping/ bailing out water, removal of spoils to a safe distance, dressing of sides and bottom and backfilling of trenches up to original level with approved material etc. all complete as per approval of E-I-C. Contractor shall get acquainted with site conditions, nature of soil and adopt suitable adequate dewatering system as deemed fit for the nature of soil and prevailing water table to get the surface reasonably dry for laying PCC at the time of execution so that execution will not be hampered or delayed. Back-filled materials shall be compacted to a density comparable with the adjacent undisturbed material. Earth work in Ordinary Soil by Manual Means for an initial lead up to 30m For depth up to 3m	cum	31.720			
23.	(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 reference to laboratory density test AASHTO standard 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	200.568			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
24.	(3.11.22.01) DSFGB: Supplying & dumping of soil filled geo-textile bags of different size and capacity (fill volume and weight when filled with dry sand/earth) at the specified locations along the bottom of piles of piers/ toe line properly, including loading, unloading, carrying geo-bags from stack-yard to dumping place by head load and power driven flat top country boat etc. including supplying of geo-textile bags (empty) of different sizes and capacity at project/work site conforming to the following Technical Specifications, filling of empty geo-textile bags of different sizes with suitable soil, stitching the bags by hand sewing machine in accordance with the detailed drawing and technical specifications with plastic thread, protecting the geo-textile bags from UV ray or any other damages and dumping the same in position etc. including higher charge and mobilization of all equipment, materials, labours, taxes, incidental charges etc. complete in all respect as per approved drawing, specification and direction of E-I-C. Geo-Textile Bag: Empty Size: 800mm x 650mm, Fill Volume: 0.0520 cum & Weight: 80 Kg, [Geo-Textile Grade: Grade-III-DF-40-2.3mm thick]	bag	3,295.000			
Sub-Total: Part-2 [Details Estimate for Development HBB Road from Sunil Chakma Dokan to Moyossor Chakma House at Marangchari Para, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati (Geo Bag Part-2)]						

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Part-3 [Details Estimate for Development HBB Road from Sunil Chakma Dokan to Moyossor Chakma House at Marangchari Para, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati (L-Drain Part-3)]						
25.	(4.05.01.01.01) Earth work in excavation of foundation of structures by mechanical (Hydraulic excavator - Long Boom)/ manual means in all sorts of soil up to specified depth in accordance with requirements of lines, grades, cross sections and elevation as shown in the drawing including setting out, removal of stumps, logs, boulders and other deleterious materials, providing necessary tools and plants, construction of shoring and bracing, cleaning the excavated materials to a safe distance out of the site premises, cut to a firm surface including pumping/ bailing out water, removal of spoils to a safe distance, dressing of sides and bottom and backfilling of trenches up to original level with approved material etc. all complete as per approval of E-I-C. Contractor shall get acquainted with site conditions, nature of soil and adopt suitable adequate dewatering system as deemed fit for the nature of soil and prevailing water table to get the surface reasonably dry for laying PCC at the time of execution so that execution will not be hampered or delayed. Back-filled materials shall be compacted to a density comparable with the adjacent undisturbed material. Earth work in Ordinary Soil by Manual Means for an initial lead up to 30m For depth up to 3m	cum	78.935			
26.	(4.06.01.01) Sand filling on the prepared foundation bed with sand of specified FM in layers not more than 150mm thick including necessary carriage, leveling, watering and ramming to achieve minimum dry density (MDD) of 95% STD compaction with optimum moisture content (OMC) by ramming each layer up to finished level as per direction of E-I-C. Sand of Minimum FM 0.8	cum	21.348			
27.	(4.06.02) Single layer brick flat soling with 1st class or picked kiln burnt bricks in foundation, filling the interstices tightly with sand of minimum FM 0.50, watering, leveling, dressing, etc. all complete as per instruction of the E-I-C.	sqm	284.650			
28.	(4.06.03) PCC-10: Plain cement concrete work in foundation with minimum compressive strength of 10 MPa at 28 days (suggested mix proportion 1:3:6) on standard cylinder as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, sand of minimum FM 1.8 and 20mm down well graded 1st class/ picked brick chips (LAA value not exceeding 40) conforming to ASTM C 33 including breaking bricks into chips, shuttering, mixing by concrete mixer machine, casting, laying compacting and curing for the requisite period etc. all complete as per direction of the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost.	cum	21.348			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
29.	(4.06.05.02) Brick work with 1st class brick in specified cement mortar in foundation with sand of minimum FM 1.20 and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing at least for 7 days etc. all complete as per design, specification & direction of the E-I-C. Cement mortar (1:4)	cum	59.550			
30.	(5.12.02) Minimum 12 mm thick cement sand (F.M. 1.2) plaster (1:4) with fresh cement to outer surface of wall, finishing the corner and edges including washing of sand, cleaning the surface, curing at least for 7 days, cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) ground floor. [PWD 15.1.2]	sqm	456.550			
31.	(7.70.3) Construction of masonry inspection pit with 250 mm thick brick work in cement mortar (1:4) including necessary earth work, side filling and one layer brick flat soling, 75 mm thick (1:3:6) base concrete for making invert channel and 12 mm thick (1:2) cement plaster with neat finishing etc. all complete up to a depth of 700 mm approved and accepted by the Engineer- in- charge. Clear 600 x 600 mm and depth 750 mm to 900 mm, average 825 mm for single 300 mm dia R.C.C. pipes and 400 mm PVC pipe. (PWD BW 26.70.3)	each	5.000			
32.	(10.19.5.2) Supplying the following tube well fixtures and pipes having density 1350 kg/m ³ , opacity 0.2% of visible light as per ISO 7686, minimum required strength 25 MPa conforming to BDS-1:2013, 4.4.1, 4.4.2 at working site as per standard practice and accepted by the Engineer-in-charge. 150 mm dia water grade(Class E) uPVC housing pipe having wall thickness 10.8 mm to 12.5 mm (PWD BW 27.19.5.2)	m	15.000			
Sub-Total: Part-3 [Details Estimate for Development HBB Road from Sunil Chakma Dokan to Moyossor Chakma House at Marangchari Para, Under Kutukchari Up, Upazila-Rangamati Sadar, District-Rangamati (L-Drain Part-3)]						

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Total Price of the Tender						

The total price of our Tender is:
 Tk:

[Insert value in figures]
 [Insert value in Words]

 Signature of the Tenderer
 with Seal

This Bill of Quantity contains _____correction(s) duly initialed and signed by the authorized person of the Tenderer.

Bill of Quantities (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR ASHIKA - WFP

Name of Work : Details Estimate for Development Road by Geo bag near as Passenger shelter at Badolchari Nis Para, Under Balukhali Up, Upazila-Rangamati Sadar, District-Rangamati.

Package Number : RMT/DRR/2026/00010

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
1.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completion of the works or as instructed by the E-I-C. Sheeting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	2.160			
2.	(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 reference to laboratory density test AASHTO standard 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	138.000			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
3.	(3.11.04.1) RCC-20BCCM(PW): Reinforced cement concrete in Protective Works using steel shutter, with picked brick chips and minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f_{cr} = 28.5$ Mpa and satisfying a compressive strength $f_c = 20$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to Portland Composite Cement (CEM-II/A-L/M/V/W 42.5N), with best quality sand [50% quantity of medium sand (FM. 1.2) and 50% quantity of coarse sand of equivalent FM = 2.2] and 25mm down well graded picked brick chips (LAA value & maximum water absorption not exceeding 38 & 15% respectively) conforming ASTM C-33, including breaking chips and screening, making, placing shutter in position and maintaining true to the alignment, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days, removing centering-shuttering after specified time approved, including cost of water, electricity, additional testing charges of materials and cylinders required by Engineer, other charges etc. all complete approved and accepted by the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractors own cost. (Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc.) Piling Work [Retail]	cum	3.740			
4.	(4.11.01.02.01) Supplying and fabrication of Ribbed or deformed bar reinforcement for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. Measurement relating to nominal mass, dimensions and tolerances of various types of steel shall conform to relevant BDS/ ASTM codes. Reinforcement shall be measured only in lengths of bar as actually placed in position on standard weight i.e. 7850 kg/m ³ (BNBC Table 6.2.1) basis. No separate payment shall be allowed for chairs of any shape & profile, spacer bar of any shape & profile, lap/splice & welding unless otherwise shown in the drawing, wastages, binding wire etc. as the cost of these is included in the unit rate. Note: Tests for reinforcing bars shall be conducted at LGED/ BUET/ CUET/ KUET/ RUET/SUST. Grade B400C-R/ B400CWR/ 400DWR: Ribbed or Deformed bar produced and marked as per BDS ISO 6935-2:2016 with minimum yield strength, f_y (ReH) = 400 MPa, but the tested yield strength shall not exceed f_y by more than the 125 MPa and the ratio of tested ultimate strength, f_u (Re) to tested yield strength (f_y) shall be at least 1.25 and minimum elongation after fracture (A5.65) & minimum total elongation at maximum force (Agt) is 17% and 8% respectively. Using retail rate of reinforcing bar	kg	1,175.177			
5.	(3.11.07.1) Labour charge for driving pre-cast RCC piles with drop hammer type rig in any type of soil, handling and keeping in position and driving with suitable monkey/drop hammer for small pile otherwise suitable mechanical means to the required depth including fitting and fixing steel cap, etc. cost included hire charges of machineries, tools & equipments, wages of operational staff etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge. Cost of pile driving (Size-150mmx150mm) depth up to 6 m	m	148.500			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
6.	(3.11.06) Labour for breaking head of hardened cast in situ bored pile/pre-cast pile up to a required length by any means but without damaging the rest and removing the dismantled materials such as concrete to a safe distance including scraps and cleaning concrete from steel/M.S. rods, straightening and bending of pile bars, preparation and making platform where necessary, carrying, all sorts of handling, stacking the same properly after clearing, leveling and dressing the situ and clearing the bed etc. complete in all respect and accepted by the Engineer-in-charge. (Measurement will be given for the actual pile head volume to be broken). [PWD 09.7]	cum	0.385			
7.	(3.11.04.2) RCC-20BCCM(PW): Reinforced cement concrete in Protective Works using steel shutter, with picked brick chips and minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f'_{cr} = 28.5$ Mpa and satisfying a compressive strength $f'_c = 20$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to Portland Composite Cement (CEM-II/A-L/M/V/W 42.5N), with best quality sand [50% quantity of medium sand (FM. 1.2) and 50% quantity of coarse sand of equivalent FM = 2.2] and 25mm down well graded picked brick chips (LAA value & maximum water absorption not exceeding 38 & 15% respectively) conforming ASTM C-33, including breaking chips and screening, making, placing shutter in position and maintaining true to the alignment, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days, removing centering-shuttering after specified time approved, including cost of water, electricity, additional testing charges of materials and cylinders required by Engineer, other charges etc. all complete approved and accepted by the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractors own cost. (Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc.) Vertical Wall, Grade Beams, etc. [Retail]	cum	2.760			
8.	(4.05.01.01.01) Earth work in excavation of foundation of structures by mechanical (Hydraulic excavator - Long Boom)/ manual means in all sorts of soil up to specified depth in accordance with requirements of lines, grades, cross sections and elevation as shown in the drawing including setting out, removal of stumps, logs, boulders and other deleterious materials, providing necessary tools and plants, construction of shoring and bracing, cleaning the excavated materials to a safe distance out of the site premises, cut to a firm surface including pumping/ bailing out water, removal of spoils to a safe distance, dressing of sides and bottom and backfilling of trenches up to original level with approved material etc. all complete as per approval of E-I-C. Contractor shall get acquainted with site conditions, nature of soil and adopt suitable adequate dewatering system as deemed fit for the nature of soil and prevailing water table to get the surface reasonably dry for laying PCC at the time of execution so that execution will not be hampered or delayed. Back-filled materials shall be compacted to a density comparable with the adjacent undisturbed material. Earth work in Ordinary Soil by Manual Means for an initial lead up to 30m For depth up to 3m	cum	23.920			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
9.	(3.11.22.01) DSFG: Supplying & dumping of soil filled geo-textile bags of different size and capacity (fill volume and weight when filled with dry sand/earth) at the specified locations along the bottom of piles of piers/ toe line properly, including loading, unloading, carrying geo-bags from stack-yard to dumping place by head load and power driven flat top country boat etc. including supplying of geo-textile bags (empty) of different sizes and capacity at project/work site conforming to the following Technical Specifications, filling of empty geo-textile bags of different sizes with suitable soil, stitching the bags by hand sewing machine in accordance with the detailed drawing and technical specifications with plastic thread, protecting the geo-textile bags from UV ray or any other damages and dumping the same in position etc. including higher charge and mobilization of all equipment, materials, labours, taxes, incidental charges etc. complete in all respect as per approved drawing, specification and direction of E-I-C. Geo-Textile Bag: Empty Size: 800mm x 650mm, Fill Volume: 0.0520 cum & Weight: 80 Kg, [Geo-Textile Grade: Grade-III-DF-40-2.3mm thick]	bag	1,526.000			
Total Price of the Tender						

The total price of our Tender is:

Tk:

[Insert value in figures]

[Insert value in Words]

Signature of the Tenderer
with Seal

This Bill of Quantity contains _____ correction(s) duly initialed and signed by the authorized person of the Tenderer.

Bill of Quantities (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR ASHIKA - WFP

Name of Work : Detailed Estimation of Earthen Road Ripon Home to North Ghat, Adar Pahar, ward no 8, Union Balukhli Under Rsangamati Sadar Upazila, District-Rangamati.

Package Number : RMT/DRR/2026/00011

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
1.	(3.02.1.1) Sand (FM 0.50) filling on the road bed in the improved sub-grade with sand (minimum FM 0.5) free from dust, earth, other vegetable growth, foreign materials etc. including supplying all materials, spreading, watering, compacting by appropriate mechanical means to obtain a minimum Soaked CBR 8% or Design CBR at minimum compaction 98% of Maximum Dry Density (MDD) (Modified Proctor), etc. all complete as per direction of the E-I-C.	cum	3.431			
2.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completion of the works or as instructed by the E-I-C. Sheeting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	2.160			
3.	(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 reference to laboratory density test AASHTO standard 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	260.820			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
4.	(5.03.03.1) Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Cement: CEM-II/B-M) [PWD 03.5] Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2. [PWD 03.5.1]	cum	1.739			
5.	(5.04.01) Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:6) in foundation and plinth, filling the joints/interstices fully with mortar, racking out the joints, cleaning and soaking the bricks at least for 24 hours before use and curing at least for 7 days etc. all complete including cost of water, electricity and other charges and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) (PWD 04.1)	cum	21.732			
6.	(5.02.01.2) Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench-mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract. [PWD 02.1] Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead [PWD 02.1.2]	cum	17.156			
7.	(5.03.01) One layer brick flat soling in foundation or in floor with first class/picked jhama bricks (BDS 208) including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge [PWD 03.1.1]	sqm	22.875			
8.	(3.11.22.01) DSFGB: Supplying & dumping of soil filled geo-textile bags of different size and capacity (fill volume and weight when filled with dry sand/earth) at the specified locations along the bottom of piles of piers/ toe line properly, including loading, unloading, carrying geo-bags from stack-yard to dumping place by head load and power driven flat top country boat etc. including supplying of geo-textile bags (empty) of different sizes and capacity at project/work site conforming to the following Technical Specifications, filling of empty geo-textile bags of different sizes with suitable soil, stitching the bags by hand sewing machine in accordance with the detailed drawing and technical specifications with plastic thread, protecting the geo-textile bags from UV ray or any other damages and dumping the same in position etc. including higher charge and mobilization of all equipment, materials, labours, taxes, incidental charges etc. complete in all respect as per approved drawing, specification and direction of E-I-C. Geo-Textile Bag: Empty Size: 800mm x 650mm, Fill Volume: 0.0520 cum & Weight: 80 Kg, [Geo-Textile Grade: Grade-III-DF-40-2.3mm thick]	bag	2,750.000			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
9.	(14.05.01) Personal Protection Equipment for Workers: Providing and maintaining appropriate (safe design, fit and comfort) personal protection equipment (PPE) to ensure the highest possible protection for employees in establishing and maintaining a safe and healthful working environment at workplace, including demonstrating, providing training on proper understanding and development of skill in the use of PPE, including supplying (i) best quality safety jacket for construction workers made of 100% polyester waterproof fabric, fluorescent yellow/orange/green/red/blue or pantone color, (ii) suitable hand protection gloves for construction work of Flexible/ durable/ excellent puncture resistance working gloves with PVC palm and T/C drill back, pasted cuff, palm liner and fit properly and be reasonably comfortable to wear, (iii) appropriate foot protection shoes having impact-resistant toes and heat-resistant soles that will protect the feet against hot working surfaces, (iv) best quality safety helmets of ABS shell, tough, lightweight, durable which will be able to resist penetration by objects, absorb the shock of a blow and water-resistant and slow burning with available four-six-point adjustable suspension for shock-absorbing, slotted sides to accommodate accessories, such as face shields, ear muffs (v) suitable eye protection goggles to protect against specific workplace hazards, fit properly and be reasonably comfortable to wear, provide unrestricted vision and movement, including instructing workers to wear strictly during working time and reviewing periodically, updating, evaluating the effectiveness of PPE and maintaining, replacing worn or damaged PPE etc. all complete as per requirement and full satisfaction of Engineer-in-charge. Payment will be made after 100% completion of the contract successfully.	LS	1.000			
10.	(4.09.03.01) RCC-25SCCM: Reinforced cement concrete work with minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f_{cr} = 33.5$ MPa and satisfying a compressive strength $f_c = 25$ MPa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM II/A-L/M/V/W 42.5N, high range water reducing admixture of complying type A or F under ASTM C 494 (Doses of admixture to be fixed by the mix design), sand of minimum FM 2.5 and 20mm down well graded crushed stone chips broken from boulders (Preferably stone chips from Madhyapara, Dinajpur, LAA value not exceeding 30) conforming to ASTM C33 including breaking chips, screening through proper sieves, cleaning, placing shutter in position, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper, maintaining allowable slump of 75mm to 100mm, casting in forms, compacting by mechanical vibrator machine, curing for 28 days, removing centering-shuttering after approved specified time period, other incidental charges, etc. all complete as per drawing, specification & direction of the E-I-C. The cost of reinforcement and it's fabrication, welding, coupling, placing, binding etc. is not included but the cost of admixture is included in this unit rate. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost. [Using Concrete Mixture Machine and retail rate of Cement] For pile caps, abutment base, facing elements of Reinforced/ Mechanically Stabilized Earth Structure, bottom slab of Box Culvert etc.	cum	2.244			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
11.	(4.11.01.04.01) Supplying and fabrication of Ribbed or deformed bar reinforcement for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. Measurement relating to nominal mass, dimensions and tolerances of various types of steel shall conform to relevant BDS/ ASTM codes. Reinforcement shall be measured only in lengths of bar as actually placed in position on standard weight i.e. 7850 kg/m3 (BNBC Table 6.2.1) basis. No separate payment shall be allowed for chairs of any shape & profile, spacer bar of any shape & profile, lap/splice & welding unless otherwise shown in the drawing, wastages, binding wire etc. as the cost of these is included in the unit rate. Note: Tests for reinforcing bars shall be conducted at LGED/ BUET/ CUET/ KUET/ RUET/SUST. Grade B500DWR: Deformed bar produced and marked as per BDS ISO 6935-2:2016 with minimum yield strength, f_y (ReH) = 500 MPa but f_y (ReH) not exceeding 1.3 ReH, the ratio of actual ultimate tensile strength, f_u (Rm) to actual yield strength, f_y (ReH) shall be at least 1.25 and minimum elongation after fracture (A5.65) & minimum total elongation at maximum force (Agt) is 13% and 8% respectively. [This reinforcement shall be selected as per instruction given in the drawing & after getting approval from Design unit, LGED.] Using retail rate of reinforcing bar	kg	374.000			
Total Price of the Tender						

The total price of our Tender is:

Tk:

[Insert value in figures]

[Insert value in Words]

Signature of the Tenderer
with Seal

This Bill of Quantity contains _____ correction(s) duly initialed and signed by the authorized person of the Tenderer.

Bill of Quantities (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR ASHIKA - WFP

Name of Work : Details Estimate for construction of Uniblock flat solling Road Nirban Nagar Banabiher Siri Ghat to Natun Shova Chakma Dokan, Balukhali UP 7 no word,Under Rangamati Sadar upazila,District Rangamati.

Package Number : RMT/DRR/2026/00012

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
1.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completeion of the works or as instructed by the E-I-C. Sheeting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	1.751			
2.	(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. [PWD 24.2.1]	sqm	497.760			
3.	(3.09.15.09) Uni-Block Paver: Supplying and laying factory made cement concrete interlocking high strength as specified paver universal uni-block made by block making machine with mechanically compressed with high load- bearing capacity, enriched weather resistance, the low water absorption capacity of standard thick and approved design/shape, size in required long lasting colour, texture and pattern conforming BS-6717 or as specified approved by the E-I-C, laid over the prepared sand bedding layer maintaining grade, camber and super-elevation, including cleaning etc. all complete in all respect as per drawing, specification, direction and accepted by the Engineer-in-charge. Cost included all materials, their carriages, hire charges of machineries, equipment for construction and quality control as per specification, wages of labour and operational staff etc. 80mm Thick (Size: 222mmx110mm), Colour: Gray, Minimum Compressive Strength: 35MPa	sqm	497.760			
4.	(3.02.1.1) Sand (FM 0.50) filling on the road bed in the improved sub-grade with sand (minimum FM 0.5) free from dust, earth, other vegetable growth, foreign materials etc. including supplying all materials, spreading, watering, compacting by appropriate mechanical means to obtain a minimum Soaked CBR 8% or Design CBR at minimum compaction 98% of Maximum Dry Density (MDD) (Modified Proctor), etc. all complete as per direction of the E-I-C.	cum	62.220			

Signature of the Tenderer with Seal

SL No.	(Item Code) Item of Works	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
5.	(3.04.3.1) EE (75mm): Brick on end edging (75 mm across the road) with first class or picked jhama bricks and filling the gaps with fine sand (F.M. 0.80) including cutting trenches, true to level and grade, removing earth, refilling and ramming the sides properly including cost of all materials and accepted by the Engineer-in-charge. [PWD 24.7.1]	m	544.000			

Total Price of the Tender	
----------------------------------	--

The total price of our Tender is:

Tk:

[Insert value in figures]

[Insert value in Words]

Signature of the Tenderer
with Seal

This Bill of Quantity contains _____ correction(s) duly initialed and signed by the authorized person of the Tenderer.

Bill Of Quantity (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR

Package Number : BND/DRR/2026/0001

Name of Work : 1. Construction of Krykhyong Para to Wabraing Para HBB Road (850m), Cross Drain (1nos), L Drain (460m), Surface Drain (7), Slope Protection using Geobag and RCC Precast Piles (21m), Brickwall Palisading (6m).
 2. Construction of Cross Drain (Package)

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Part - 1 [Construction of Krykhyong Para to Wabraing Para HBB Road (850m), Cross Drain (1nos), L Drain (460m), Surface Drain (7), Slope Protection using Geobag and RCC Precast Piles (21m), Brickwall Palisading (6m).]						
1.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completion of the works or as instructed by the E-I-C. Sheeting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	2.160			
2.	(5.02.01.2) Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench-mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract. [PWD 02.1] Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead [PWD 02.1.2]	cum	887.831			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
3.	(3.02.1.1) Sand (FM 0.50) filling on the road bed in the improved sub-grade with sand (minimum FM 0.5) free from dust, earth, other vegetable growth, foreign materials etc. including supplying all materials, spreading, watering, compacting by appropriate mechanical means to obtain a minimum Soaked CBR 8% or Design CBR at minimum compaction 98% of Maximum Dry Density (MDD) (Modified Proctor), etc. all complete as per direction of the E-I-C.	cum	298.909			
4.	(4.06.02) Single layer brick flat soling with 1st class or picked kiln burnt bricks in foundation, filling the interstices tightly with sand of minimum FM 0.50, watering, leveling, dressing, etc. all complete as per instruction of the E-I-C.	sqm	262.450			
5.	(5.12.03) Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to plinth wall with cement (1:4) up to 150 mm below ground level including washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) ground floor. [PWD 15.2]	sqm	460.000			
6.	(4.06.05.02) Brick work with 1st class brick in specified cement mortar in foundation with sand of minimum FM 1.20 and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing at least for 7 days etc. all complete as per design, specification & direction of the E-I-C. Cement mortar (1:4)	cum	51.750			
7.	(5.03.03.1) Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Cement: CEM-II/B-M) [PWD 03.5] Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2. [PWD 03.5.1]	cum	19.684			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
8.	(3.11.22.01) DSFGB: Supplying & dumping of soil filled geo-textile bags of different size and capacity (fill volume and weight when filled with dry sand/earth) at the specified locations along the bottom of piles of piers/ toe line properly, including loading, unloading, carrying geo-bags from stack-yard to dumping place by head load and power driven flat top country boat etc. including supplying of geo-textile bags (empty) of different sizes and capacity at project/work site conforming to the following Technical Specifications, filling of empty geo-textile bags of different sizes with suitable soil, stitching the bags by hand sewing machine in accordance with the detailed drawing and technical specifications with plastic thread, protecting the geo-textile bags from UV ray or any other damages and dumping the same in position etc. including higher charge and mobilization of all equipment, materials, labours, taxes, incidental charges etc. complete in all respect as per approved drawing, specification and direction of E-I-C. Geo-Textile Bag: Empty Size: 800mm x 650mm, Fill Volumn: 0.0520 cum & Weight: 80 Kg, [Geo-Textile Grade: Grade-III-DF-40-2.3mm thick]	bag	1407.600			
9.	(3.11.04.2) RCC-20BCCM(PW): Reinforced cement concrete in Protective Works using steel shutter, with picked brick chips and minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, f _{cr} = 28.5 Mpa and satisfying a compressive strength f _c = 20 Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to Portland Composite Cement (CEM-II/A-L/M/V/W 42.5N), with best quality sand [50% quantity of medium sand (FM. 1.2) and 50% quantity of coarse sand of equivalent FM = 2.2] and 25mm down well graded picked brick chips (LAA value & maximum water absorption not exceeding 38 & 15% respectively) conforming ASTM C-33, including breaking chips and screening, making, placing shutter in position and maintaining true to the alignment, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hoper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days, removing centering-shuttering after specified time approved, including cost of water, electricity, additional testing charges of materials and cylinders required by Engineer, other charges etc. all complete approved and accepted by the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractors own cost. (Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc.) Vertical Wall, Grade Beams, etc. [Retail]	cum	2.550			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
10.	(4.11.01.04.01) Supplying and fabrication of Ribbed or deformed bar reinforcement for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. Measurement relating to nominal mass, dimensions and tolerances of various types of steel shall conform to relevant BDS/ ASTM codes. Reinforcement shall be measured only in lengths of bar as actually placed in position on standard weight i.e. 7850 kg/m³ (BNBC Table 6.2.1) basis. No separate payment shall be allowed for chairs of any shape & profile, spacer bar of any shape & profile, lap/splice & welding unless otherwise shown in the drawing, wastages, binding wire etc. as the cost of these is included in the unit rate. Note: Tests for reinforcing bars shall be conducted at LGED/ BUET/ CUET/ KUET/ RUET/SUST. Grade B500DWR: Deformed bar produced and marked as per BDS ISO 6935-2:2016 with minimum yield strength, f_y (ReH) = 500 MPa but f_y (ReH) not exceeding 1.3 ReH, the ratio of actual ultimate tensile strength, f_u(Rm) to actual yield strength, f_y(ReH) shall be at least 1.25 and minimum elongation after fracture (A5.65) & minimum total elongation at maximum force (Agt) is 13% and 8% respectively. [This reinforcement shall be selected as per instruction given in the drawing & after getting approval from Design unit, LGED.] Using retail rate of reinforcing bar	kg	345.370			
11.	(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	2165.600			
12.	(3.04.3.2) EE(125mm): Brick on end edging (125mm across) with 1st class/picked bricks including cutting trenches true to level & maintaining grade, removing earth, re-filling & ramming the sides properly, including supplying and filling the gaps with local sand, etc. all complete as per direction of the E-I-C.	m	1700.000			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
13.	(3.08.4.1) SBFS(FM-0.50): Providing Single layer brick flat soling (BFS) with 1st class or picked bricks, true to level, maintaining camber/super elevation and grade including carrying bricks, filling the interstices tightly with sand of minimum FM 0.50, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	2165.600			
14.	(3.08.5.1) SHBB(FM-0.50): Providing Brick on edge pavement in single layer of Herring Bone Bond (HBB) with 1st class or picked bricks true to level, maintaining camber, super elevation and grade, including supplying and laying 25mm thick sand (minimum FM 0.50) cushion over the BFS, filling the interstices tightly with same type of sand, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	2165.600			
15.	(3.11.33.02) Brick (BP-TW): Construction and Installation in position brick palisading work as per standard drawing enumerated in Appendix-6 (type design for protective work) with 375mm thick Brick Masonry work upto 500 mm height from bottom & rest 500 mm height 250mm thick Brick Masonry work and Pre cast RCC Post of 03 (three) meter long (150mmX150mm) and capping beam (200mmX150mm) using 20mm down graded crushed stone chips (LAA value not exceeding 30), sand (minimum FM 2.5) and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-M 42.5N to attain a minimum 28 days cylinder crushing compressive strength 25.00 Mpa (mixing ratio 1:1.5:3 & maximum water cement ratio 0.4) as per standard practice of code AASHTO/ASTM including supplying, fabricating and binding of 400/420 Grade MS deformed bar of required size, length and spacing. The pre-cast post must be driven by suitable monkey/drop hammer in 5/6 th of its total length @ 1 m c/c into the ground laying on proper alignment. Brick Masonry work in cement mortar (1:3), filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, including flush pointing at front face of the brick wall with cement mortar (1:2), curing for requisite period, including excavating minimum 575mm depth foundation trenches for brick wall and laying one layer polythene sheet, casting 75mm thick cement concrete (1:3:6) below the 375 mm brick work by means approved designed including form work, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge. (Unit cost includes Brick wall, all casting work, reinforcement, its fabrication, shuttering, curing for 28 days, driving of the post, lab testing charges as per design and all other incidental charges, etc.) without capping beam	m	6.000			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
16.	(7.70.3) Construction of masonry inspection pit with 250 mm thick brick work in cement mortar (1:4) including necessary earth work, side filling and one layer brick flat soling, 75 mm thick (1:3:6) base concrete for making invert channel and 12 mm thick (1:2) cement plaster with neat finishing etc. all complete up to a depth of 700 mm approved and accepted by the Engineer- in- charge. Clear 600 x 600 mm and depth 750 mm to 900 mm, average 825 mm for single 300 mm dia R.C.C. pipes and 400 mm PVC pipe. (PWD BW 26.70.3)	each	3.000			
17.	(6.10.01.05) Supplying and laying of uPVC pipes of different diameter and wall thickness for at least 3.25 bar (32.00 m head) working pressure in accordance with ISO-4422 and ISO-4065, including placing in position, connecting and leak proof O-ring jointing using best quality elastomeric sealing gaskets, etc. completed including costs of all materials, labors, etc and costs of testing for complete leak proofness and repair and/or replacement of leaking joints , if any but excluding costs of earthworks in trench cutting & filling as per design drawings, specifications and as per Direction of Engineer-in-Charge. For PVC Pipe: 250mm Dia, Wall Thickness 4.9mm	m	9.000			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
18.	(14.05.01) Personal Protection Equipment for Workers: Providing and maintaining appropriate (safe design, fit and comfort) personal protection equipment (PPE) to ensure the highest possible protection for employees in establishing and maintaining a safe and healthful working environment at workplace, including demonstrating, providing training on proper understanding and development of skill in the use of PPE, including supplying (i) best quality safety jacket for construction workers made of 100% polyester waterproof fabric, fluorescent yellow/orange/green/red/blue or pantone color, (ii) suitable hand protection gloves for construction work of Flexible/ durable/ excellent puncture resistance working gloves with PVC palm and T/C drill back, pasted cuff, palm liner and fit properly and be reasonably comfortable to wear, (iii) appropriate foot protection shoes having impact-resistant toes and heat-resistant soles that will protect the feet against hot working surfaces, (iv) best quality safety helmets of ABS shell, tough, lightweight, durable which will be able to resist penetration by objects, absorb the shock of a blow and water-resistant and slow burning with available four-six-point adjustable suspension for shock-absorbing, slotted sides to accommodate accessories, such as face shields, ear muffs (v) suitable eye protection goggles to protect against specific workplace hazards, fit properly and be reasonably comfortable to wear, provide unrestricted vision and movement, including instructing workers to wear strictly during working time and reviewing periodically, updating, evaluating the effectiveness of PPE and maintaining, replacing worn or damaged PPE etc. all complete as per requirement and full satisfaction of Engineer-in-charge. Payment will be made after 100% completion of the contract successfully.	LS	1.000			
19.	(3.11.06) Labour for breaking head of hardened cast in situ bored pile/pre-cast pile up to a required length by any means but without damaging the rest and removing the dismantled materials such as concrete to a safe distance including scraps and cleaning concrete from steel/M.S. rods, straightening and bending of pile bars, preparation and making platform where necessary, carrying, all sorts of handling, stacking the same properly after clearing, leveling and dressing the situ and clearing the bed etc. complete in all respect and accepted by the Engineer-in-charge. (Measurement will be given for the actual pile head volume to be broken). [PWD 09.7]	cum	0.135			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
20.	(3.11.07.1) Labour charge for driving pre-cast RCC piles with drop hammer type rig in any type of soil, handling and keeping in position and driving with suitable monkey/drop hammer for small pile otherwise suitable mechanical means to the required depth including fitting and fixing steel cap, etc. cost included hire charges of machineries, tools & equipments, wages of operational staff etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge. Cost of pile driving (Size-150mmx150mm) depth up to 6 m	m	60.000			
21.	(3.12.02) RCC-Gpost: Providing, fitting and fixing 200mm dia round RCC Guide Post 1.70m long as per standard drawing enumerated in Appendix-6 (type design for Guide Post) with Reinforced Cement Concrete (1:2:4) with 20mm down well graded brick chips casting, curing for requisite period, including cost of providing 4nos. of 12mm dia. Rod of length 1.65m as main reinforcement and 12 nos. of round shaped 8mm dia rods used as binders; including two coats of painting with best quality synthetic enamel paint over a prime coat of approved brand of different colour and grade to form 6 nos. horizontal alternate bands in white/yellow and red to 90 cm length standing up above ground, making hole in ground of 800mm depth and 300mm minimum dia, fixing the guard posts in the same holes and repacking the earth properly so as to keep the guard posts standing properly erect in correct position true to line and length including carriage of RCC Guide Post with due care to the site including loading into the truck and unloading at site complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge. Rate is inclusive of cost of all materials, labour and all incidental charges in this connection.	each	20.000			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
22.	(3.12.03) RS-Plate: Supplying, fitting and fixing of Road Sign plates (Precautionary/Mandatory/Informative/Direction) made of 18 BWG M.S. sheet of equilateral triangle/Circular/Rectangular plates of different sizes as per standard drawing enumerated in Appendix-6 fitted with MS triangular/Rectangular frame of same size as plates by point welding RS-Plate: Supplying, fitting, and fixing of Road Sign plates (Precautionary/Mandatory/Informative/Direction) made of 18 BWG M.S. sheet of equilateral triangle/Circular/Rectangular plates of different sizes as per standard drawing enumerated in Appendix-6 fitted with MS triangular/Rectangular frame of the same size as plates by point welding (frames made by thorough welding of 25mmX25mmX3mm MS angle covering all sides of the plates and maximum 150mm center to center in the middle of frames in each vertical & horizontal directions), Plates are fitted with 50mm dia & 2.90mm thick GI pipes by continuous welding, including cutting of MS angle touched with GI pipe and 200mm long 4 nos. 12mm dia anchor bars be fitted at the lower part of the MS pipes by welding, making finishing, grinding and carrying to the working sites, etc. all complete in all respect as per design, specification and direction of the Engineer-in-charge. (Rate excludes the material cost of 50mm dia MS pipes & 4 nos. 12mm dia anchor bar	sqm	5.000			
Sub-Total: Part - 1 [Construction of Krykhyong Para to Wabraing Para HBB Road (850m), Cross Drain (1nos), L Drain (460m), Surface Drain (7), Slope Protection using Geobag and RCC Precast Piles (21m), Brickwall Palisading (6m).]						
Part - 2 [Construction of Cross Drain (Package)]						

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
23.	(4.05.01.01.01) Earth work in excavation of foundation of structures by mechanical (Hydraulic excavator - Long Boom)/ manual means in all sorts of soil up to specified depth in accordance with requirements of lines, grades, cross sections and elevation as shown in the drawing including setting out, removal of stumps, logs, boulders and other deleterious materials, providing necessary tools and plants, construction of shoring and bracing, cleaning the excavated materials to a safe distance out of the site premises, cut to a firm surface including pumping/ bailing out water, removal of spoils to a safe distance, dressing of sides and bottom and backfilling of trenches up to original level with approved material etc. all complete as per approval of E-I-C. Contractor shall get acquainted with site conditions, nature of soil and adopt suitable adequate dewatering system as deemed fit for the nature of soil and prevailing water table to get the surface reasonably dry for laying PCC at the time of execution so that execution will not be hampered or delayed. Back-filled materials shall be compacted to a density comparable with the adjacent undisturbed material. Earth work in Ordinary Soil by Manual Means for an initial lead up to 30m For depth up to 3m	cum	30.236			
24.	(4.06.01.01) Sand filling on the prepared foundation bed with sand of specified FM in layers not more than 150mm thick including necessary carriage, leveling, watering and ramming to achieve minimum dry density (MDD) of 95% STD compaction with optimum moisture content (OMC) by ramming each layer up to finished level as per direction of E-I-C. Sand of Minimum FM 0.8	cum	1.767			
25.	(4.06.02) Single layer brick flat soling with 1st class or picked kiln burnt bricks in foundation, filling the interstices tightly with sand of minimum FM 0.50, watering, leveling, dressing, etc. all complete as per instruction of the E-I-C.	sqm	11.782			
26.	(4.06.03) PCC-10: Plain cement concrete work in foundation with minimum compressive strength of 10 MPa at 28 days (suggested mix proportion 1:3:6) on standard cylinder as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, sand of minimum FM 1.8 and 20mm down well graded 1st class/ picked brick chips (LAA value not exceeding 40) conforming to ASTM C 33 including breaking bricks into chips, shuttering, mixing by concrete mixer machine, casting, laying compacting and curing for the requisite period etc. all complete as per direction of the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost.	cum	0.884			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
27.	(4.06.05.02) Brick work with 1st class brick in specified cement mortar in foundation with sand of minimum FM 1.20 and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing at least for 7 days etc. all complete as per design, specification & direction of the E-I-C. Cement mortar (1:4)	cum	10.687			
28.	(4.09.03.01) RCC-25SCCM: Reinforced cement concrete work with minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f_{cr} = 33.5$ MPa and satisfying a compressive strength $f_c = 25$ MPa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM II/A-L/M/V/W 42.5N, high range water reducing admixture of complying type A or F under ASTM C 494 (Doses of admixture to be fixed by the mix design), sand of minimum FM 2.5 and 20mm down well graded crushed stone chips broken from boulders (Preferably stone chips from Madhyapara, Dinajpur, LAA value not exceeding 30) conforming to ASTM C33 including breaking chips, screening through proper sieves, cleaning, placing shutter in position, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper, maintaining allowable slump of 75mm to 100mm, casting in forms, compacting by mechanical vibrator machine, curing for 28 days, removing centering-shuttering after approved specified time period, other incidental charges, etc. all complete as per drawing, specification & direction of the E-I-C. The cost of reinforcement and its fabrication, welding, coupling, placing, binding etc. is not included but the cost of admixture is included in this unit rate. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost. [Using Concrete Mixture Machine and retail rate of Cement] For pile caps, abutment base, facing elements of Reinforced/ Mechanically Stabilized Earth Structure, bottom slab of Box Culvert etc.	cum	2.946			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
29.	(4.09.03.03.01) RCC-25SCCM: Reinforced cement concrete work with minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f_{cr} = 33.5$ MPa and satisfying a compressive strength $f_c = 25$ MPa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM II/A-L/M/V/W 42.5N, high range water reducing admixture of complying type A or F under ASTM C 494 (Doses of admixture to be fixed by the mix design), sand of minimum FM 2.5 and 20mm down well graded crushed stone chips broken from boulders (Preferably stone chips from Madhyapara, Dinajpur, LAA value not exceeding 30) conforming to ASTM C33 including breaking chips, screening through proper sieves, cleaning, placing shutter in position, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper, maintaining allowable slump of 75mm to 100mm, casting in forms, compacting by mechanical vibrator machine, curing for 28 days, removing centering-shuttering after approved specified time period, other incidental charges, etc. all complete as per drawing, specification & direction of the E-I-C. The cost of reinforcement and it's fabrication, welding, coupling, placing, binding etc. is not included but the cost of admixture is included in this unit rate. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost. [Using Concrete Mixture Machine and retail rate of Cement] For solid slab type super-structure including cantilever, side walk, curb and wheel guard of bridges For height up to 5 m	cum	2.946			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
30.	(4.11.01.02.01) Supplying and fabrication of Ribbed or deformed bar reinforcement for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. Measurement relating to nominal mass, dimensions and tolerances of various types of steel shall conform to relevant BDS/ ASTM codes. Reinforcement shall be measured only in lengths of bar as actually placed in position on standard weight i.e. 7850 kg/m³ (BNBC Table 6.2.1) basis. No separate payment shall be allowed for chairs of any shape & profile, spacer bar of any shape & profile, lap/splice & welding unless otherwise shown in the drawing, wastages, binding wire etc. as the cost of these is included in the unit rate. Note: Tests for reinforcing bars shall be conducted at LGED/ BUET/ CUET/ KUET/ RUET/SUST. Grade B400C-R/ B400CWR/ 400DWR: Ribbed or Deformed bar produced and marked as per BDS ISO 6935-2:2016 with minimum yield strength, f_y (ReH) = 400 MPa, but the tested yield strength shall not exceed f_y by more than the 125 MPa and the ratio of tested ultimate strength, f_u (Re) to tested yield strength (f_y) shall be at least 1.25 and minimum elongation after fracture (A5.65) & minimum total elongation at maximum force (Agt) is 17% and 8% respectively. Using retail rate of reinforcing bar	kg	512.977			
Sub-Total: Part - 2 [Construction of Cross Drain (Package)]						

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Total Price of the Tender						

The total price of our Tender is:

Tk.

[Value in figures]

[Value in words]

	Cost of recovered (salvage) materials (, etc.)	Fixed	As available in the site	0.00	Taka Only	0.00
	Note: Above recovered material cost will be deducted from the payments of the Contractor and in any case recovered material cost will not be changed.					

Signature of the Tenderer
with Seal

This Bill of Quantity contains _____ correction(s) duly initialed and signed by the authorized person of the Tenderer.

Bill Of Quantity (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR

Package Number : BND/DRR/2026/0002

Name of Work : 1. Construction of Tungkhyong Para Shelter Center HBB Road (177m), Cross Drain (1nos), U Drain (303m), L Drain (50m)
2. Construction of Cross Drain (Package)

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Part - 1 [Construction of Tungkhyong Para Shelter Center HBB Road (177m), Cross Drain (1nos), U Drain (303m), L Drain (50m)]						
1.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completion of the works or as instructed by the E-I-C. Sheeting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	2.160			
2.	(5.02.01.2) Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench-mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract. [PWD 02.1] Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead [PWD 02.1.2]	cum	104.804			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
3.	(3.02.1.1) Sand (FM 0.50) filling on the road bed in the improved sub-grade with sand (minimum FM 0.5) free from dust, earth, other vegetable growth, foreign materials etc. including supplying all materials, spreading, watering, compacting by appropriate mechanical means to obtain a minimum Soaked CBR 8% or Design CBR at minimum compaction 98% of Maximum Dry Density (MDD) (Modified Proctor), etc. all complete as per direction of the E-I-C.	cum	89.798			
4.	(4.06.02) Single layer brick flat soling with 1st class or picked kiln burnt bricks in foundation, filling the interstices tightly with sand of minimum FM 0.50, watering, leveling, dressing, etc. all complete as per instruction of the E-I-C.	sqm	422.050			
5.	(5.03.03.1) Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Cement: CEM-II/B-M) [PWD 03.5] Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2. [PWD 03.5.1]	cum	31.654			
6.	(4.06.05.02) Brick work with 1st class brick in specified cement mortar in foundation with sand of minimum FM 1.20 and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing at least for 7 days etc. all complete as per design, specification & direction of the E-I-C. Cement mortar (1:4)	cum	122.775			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
7.	(3.11.04.2) RCC-20BCCM(PW): Reinforced cement concrete in Protective Works using steel shutter, with picked brick chips and minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f_{cr} = 28.5$ Mpa and satisfying a compressive strength $f_c = 20$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to Portland Composite Cement (CEM-II/A-L/M/V/W 42.5N), with best quality sand [50% quantity of medium sand (FM. 1.2) and 50% quantity of coarse sand of equivalent FM = 2.2] and 25mm down well graded picked brick chips (LAA value & maximum water absorption not exceeding 38 & 15% respectively) conforming ASTM C-33, including breaking chips and screening, making, placing shutter in position and maintaining true to the alignment, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days, removing centering-shuttering after specified time approved, including cost of water, electricity, additional testing charges of materials and cylinders required by Engineer, other charges etc. all complete approved and accepted by the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractors own cost. (Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc.) Vertical Wall, Grade Beams, etc. [Retail]	cum	0.220			
8.	(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	387.630			
9.	(3.04.3.2) EE(125mm): Brick on end edging (125mm across) with 1st class/picked bricks including cutting trenches true to level & maintaining grade, removing earth, re-filling & ramming the sides properly, including supplying and filling the gaps with local sand, etc. all complete as per direction of the E-I-C.	m	240.000			
10.	(3.08.4.1) SBFS(FM-0.50): Providing Single layer brick flat soling (BFS) with 1st class or picked bricks, true to level, maintaining camber/super elevation and grade including carrying bricks, filling the interstices tightly with sand of minimum FM 0.50, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	387.630			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
11.	(3.08.5.1) SHBB(FM-0.50): Providing Brick on edge pavement in single layer of Herring Bone Bond (HBB) with 1st class or picked bricks true to level, maintaining camber, super elevation and grade, including supplying and laying 25mm thick sand (minimum FM 0.50) cushion over the BFS, filling the interstices tightly with same type of sand, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	387.630			
12.	(3.04.1.1) PiEE(75mm): Labour charge for picking up the existing brick on end edging (75mm across) including staking the materials at a specified distance, etc. all complete as per direction of the E-I-C.	m	114.000			
13.	(3.04.2.2) ReEE(125mm): Labour charge for Resetting the brick on end edging (125mm across) with 1st class/picked bricks including cutting trenches true to level & maintaining grade, removing earth, re-filling & ramming the sides properly, including supplying and filling the gaps with local sand, etc. all complete as per direction of the E-I-C.	m	228.000			
14.	(3.08.1.2) PiHBB: Labour charge for picking up the existing HBB and staking the materials at a specified distance, etc. all complete as per direction of the E-I-C.	sqm	102.930			
15.	(3.08.3.1) ReHBB(FM-0.50): Labour charge for Resetting of Brick on edge pavement in single layer of Herring Bone Bond (HBB) with 1st class or picked bricks true to level, maintaining camber, super elevation and grade over 25mm thick sand (minimum FM 0.50) cushion including filling the interstices tightly with same type of sand, etc. including supplying sand all complete as per direction of the E-I-C.	sqm	102.930			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
16.	(14.05.01) Personal Protection Equipment for Workers: Providing and maintaining appropriate (safe design, fit and comfort) personal protection equipment (PPE) to ensure the highest possible protection for employees in establishing and maintaining a safe and healthful working environment at workplace, including demonstrating, providing training on proper understanding and development of skill in the use of PPE, including supplying (i) best quality safety jacket for construction workers made of 100% polyester waterproof fabric, fluorescent yellow/orange/green/red/blue or pantone color, (ii) suitable hand protection gloves for construction work of Flexible/ durable/ excellent puncture resistance working gloves with PVC palm and T/C drill back, pasted cuff, palm liner and fit properly and be reasonably comfortable to wear, (iii) appropriate foot protection shoes having impact-resistant toes and heat-resistant soles that will protect the feet against hot working surfaces, (iv) best quality safety helmets of ABS shell, tough, lightweight, durable which will be able to resist penetration by objects, absorb the shock of a blow and water-resistant and slow burning with available four-six-point adjustable suspension for shock-absorbing, slotted sides to accommodate accessories, such as face shields, ear muffs (v) suitable eye protection goggles to protect against specific workplace hazards, fit properly and be reasonably comfortable to wear, provide unrestricted vision and movement, including instructing workers to wear strictly during working time and reviewing periodically, updating, evaluating the effectiveness of PPE and maintaining, replacing worn or damaged PPE etc. all complete as per requirement and full satisfaction of Engineer-in-charge. Payment will be made after 100% completion of the contract successfully.	LS	1.000			
17.	(5.12.03) Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to plinth wall with cement (1:4) up to 150 mm below ground level including washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) ground floor. [PWD 15.2]	sqm	891.900			
Sub-Total: Part - 1 [Construction of Tungkhong Para Shelter Center HBB Road (177m), Cross Drain (1nos), U Drain (303m), L Drain (50m)]						
Part - 2 [Construction of Cross Drain (Package)]						

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
18.	(4.05.01.01.01) Earth work in excavation of foundation of structures by mechanical (Hydraulic excavator - Long Boom)/ manual means in all sorts of soil up to specified depth in accordance with requirements of lines, grades, cross sections and elevation as shown in the drawing including setting out, removal of stumps, logs, boulders and other deleterious materials, providing necessary tools and plants, construction of shoring and bracing, cleaning the excavated materials to a safe distance out of the site premises, cut to a firm surface including pumping/ bailing out water, removal of spoils to a safe distance, dressing of sides and bottom and backfilling of trenches up to original level with approved material etc. all complete as per approval of E-I-C. Contractor shall get acquainted with site conditions, nature of soil and adopt suitable adequate dewatering system as deemed fit for the nature of soil and prevailing water table to get the surface reasonably dry for laying PCC at the time of execution so that execution will not be hampered or delayed. Back-filled materials shall be compacted to a density comparable with the adjacent undisturbed material. Earth work in Ordinary Soil by Manual Means for an initial lead up to 30m For depth up to 3m	cum	30.236			
19.	(4.06.01.01) Sand filling on the prepared foundation bed with sand of specified FM in layers not more than 150mm thick including necessary carriage, leveling, watering and ramming to achieve minimum dry density (MDD) of 95% STD compaction with optimum moisture content (OMC) by ramming each layer up to finished level as per direction of E-I-C. Sand of Minimum FM 0.8	cum	1.767			
20.	(4.06.02) Single layer brick flat soling with 1st class or picked kiln burnt bricks in foundation, filling the interstices tightly with sand of minimum FM 0.50, watering, leveling, dressing, etc. all complete as per instruction of the E-I-C.	sqm	11.782			
21.	(4.06.03) PCC-10: Plain cement concrete work in foundation with minimum compressive strength of 10 MPa at 28 days (suggested mix proportion 1:3:6) on standard cylinder as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, sand of minimum FM 1.8 and 20mm down well graded 1st class/ picked brick chips (LAA value not exceeding 40) conforming to ASTM C 33 including breaking bricks into chips, shuttering, mixing by concrete mixer machine, casting, laying compacting and curing for the requisite period etc. all complete as per direction of the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost.	cum	0.884			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
22.	(4.06.05.02) Brick work with 1st class brick in specified cement mortar in foundation with sand of minimum FM 1.20 and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing at least for 7 days etc. all complete as per design, specification & direction of the E-I-C. Cement mortar (1:4)	cum	10.687			
23.	(4.09.03.01) RCC-25SCCM: Reinforced cement concrete work with minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f_{cr} = 33.5$ MPa and satisfying a compressive strength $f_c = 25$ MPa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM II/A-L/M/V/W 42.5N, high range water reducing admixture of complying type A or F under ASTM C 494 (Doses of admixture to be fixed by the mix design), sand of minimum FM 2.5 and 20mm down well graded crushed stone chips broken from boulders (Preferably stone chips from Madhyapara, Dinajpur, LAA value not exceeding 30) conforming to ASTM C33 including breaking chips, screening through proper sieves, cleaning, placing shutter in position, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper, maintaining allowable slump of 75mm to 100mm, casting in forms, compacting by mechanical vibrator machine, curing for 28 days, removing centering-shuttering after approved specified time period, other incidental charges, etc. all complete as per drawing, specification & direction of the E-I-C. The cost of reinforcement and its fabrication, welding, coupling, placing, binding etc. is not included but the cost of admixture is included in this unit rate. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost. [Using Concrete Mixture Machine and retail rate of Cement] For pile caps, abutment base, facing elements of Reinforced/ Mechanically Stabilized Earth Structure, bottom slab of Box Culvert etc.	cum	2.946			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
24.	(4.09.03.03.01) RCC-25SCCM: Reinforced cement concrete work with minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f_{cr} = 33.5$ MPa and satisfying a compressive strength $f_c = 25$ MPa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM II/A-L/M/V/W 42.5N, high range water reducing admixture of complying type A or F under ASTM C 494 (Doses of admixture to be fixed by the mix design), sand of minimum FM 2.5 and 20mm down well graded crushed stone chips broken from boulders (Preferably stone chips from Madhyapara, Dinajpur, LAA value not exceeding 30) conforming to ASTM C33 including breaking chips, screening through proper sieves, cleaning, placing shutter in position, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper, maintaining allowable slump of 75mm to 100mm, casting in forms, compacting by mechanical vibrator machine, curing for 28 days, removing centering-shuttering after approved specified time period, other incidental charges, etc. all complete as per drawing, specification & direction of the E-I-C. The cost of reinforcement and it's fabrication, welding, coupling, placing, binding etc. is not included but the cost of admixture is included in this unit rate. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost. [Using Concrete Mixture Machine and retail rate of Cement] For solid slab type super-structure including cantilever, side walk, curb and wheel guard of bridges For height up to 5 m	cum	2.946			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
25.	(4.11.01.02.01) Supplying and fabrication of Ribbed or deformed bar reinforcement for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. Measurement relating to nominal mass, dimensions and tolerances of various types of steel shall conform to relevant BDS/ ASTM codes. Reinforcement shall be measured only in lengths of bar as actually placed in position on standard weight i.e. 7850 kg/m3 (BNBC Table 6.2.1) basis. No separate payment shall be allowed for chairs of any shape & profile, spacer bar of any shape & profile, lap/splice & welding unless otherwise shown in the drawing, wastages, binding wire etc. as the cost of these is included in the unit rate. Note: Tests for reinforcing bars shall be conducted at LGED/ BUET/ CUET/ KUET/ RUET/SUST. Grade B400C-R/ B400CWR/ 400DWR: Ribbed or Deformed bar produced and marked as per BDS ISO 6935-2:2016 with minimum yield strength, f_y (ReH) = 400 MPa, but the tested yield strength shall not exceed f_y by more than the 125 MPa and the ratio of tested ultimate strength, f_u (Re) to tested yield strength (f_y) shall be at least 1.25 and minimum elongation after fracture (A5.65) & minimum total elongation at maximum force (Agt) is 17% and 8% respectively. Using retail rate of reinforcing bar	kg	512.977			
Sub-Total: Part - 2 [Construction of Cross Drain (Package)]						

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Total Price of the Tender						

The total price of our Tender is:

Tk.

[Value in figures]

[Value in words]

	Cost of recovered (salvage) materials (, etc.)	Fixed	As available in the site	0.00	Taka Only	0.00
	Note: Above recovered material cost will be deducted from the payments of the Contractor and in any case recovered material cost will not be changed.					

Signature of the Tenderer
with Seal

This Bill of Quantity contains _____ correction(s) duly initialed and signed by the authorized person of the Tenderer.

Bill Of Quantity (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR

Package Number : BND/DRR/2026/0003

Name of Work : 1. Construction of LGED Main road to Roaja Para (Sangu par) HBB Road (265m), Cross Drain (1nos), Surface Drain(3nos) and Slope Protection work using Precast RCC Piles and Geobag (44m).
 2. Construction of Cross Drain (Package)

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Part - 1 [Construction of LGED Main road to Roaja Para (Sangu par) HBB Road (265m), Cross Drain (1nos), Surface Drain(3nos) and Slope Protection work using Precast RCC Piles and Geobag (44m).]						
1.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completion of the works or as instructed by the E-I-C. Sheeting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	2.160			
2.	(5.02.01.2) Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench-mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract. [PWD 02.1] Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead [PWD 02.1.2]	cum	8.831			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
3.	(3.02.1.1) Sand (FM 0.50) filling on the road bed in the improved sub-grade with sand (minimum FM 0.5) free from dust, earth, other vegetable growth, foreign materials etc. including supplying all materials, spreading, watering, compacting by appropriate mechanical means to obtain a minimum Soaked CBR 8% or Design CBR at minimum compaction 98% of Maximum Dry Density (MDD) (Modified Proctor), etc. all complete as per direction of the E-I-C.	cum	87.356			
4.	(4.06.02) Single layer brick flat soling with 1st class or picked kiln burnt bricks in foundation, filling the interstices tightly with sand of minimum FM 0.50, watering, leveling, dressing, etc. all complete as per instruction of the E-I-C.	sqm	4.050			
5.	(5.03.03.1) Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Cement: CEM-II/B-M) [PWD 03.5] Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2. [PWD 03.5.1]	cum	0.304			
6.	(3.11.22.01) DSFGB: Supplying & dumping of soil filled geo-textile bags of different size and capacity (fill volume and weight when filled with dry sand/earth) at the specified locations along the bottom of piles of piers/ toe line properly, including loading, unloading, carrying geo-bags from stack-yard to dumping place by head load and power driven flat top country boat etc. including supplying of geo-textile bags (empty) of different sizes and capacity at project/work site conforming to the following Technical Specifications, filling of empty geo-textile bags of different sizes with suitable soil, stitching the bags by hand sewing machine in accordance with the detailed drawing and technical specifications with plastic thread, protecting the geo-textile bags from UV ray or any other damages and dumping the same in position etc. including higher charge and mobilization of all equipment, materials, labours, taxes, incidental charges etc. complete in all respect as per approved drawing, specification and direction of E-I-C. Geo-Textile Bag: Empty Size: 800mm x 650mm, Fill Volumn: 0.0520 cum & Weight: 80 Kg, [Geo-Textile Grade: Grade-III-DF-40-2.3mm thick]	bag	1930.896			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
7.	(3.11.04.2) RCC-20BCCM(PW): Reinforced cement concrete in Protective Works using steel shutter, with picked brick chips and minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f_{cr} = 28.5$ Mpa and satisfying a compressive strength $f_c = 20$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to Portland Composite Cement (CEM-II/A-L/M/V/W 42.5N), with best quality sand [50% quantity of medium sand (FM. 1.2) and 50% quantity of coarse sand of equivalent FM = 2.2] and 25mm down well graded picked brick chips (LAA value & maximum water absorption not exceeding 38 & 15% respectively) conforming ASTM C-33, including breaking chips and screening, making, placing shutter in position and maintaining true to the alignment, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days, removing centering-shuttering after specified time approved, including cost of water, electricity, additional testing charges of materials and cylinders required by Engineer, other charges etc. all complete approved and accepted by the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractors own cost. (Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc.) Vertical Wall, Grade Beams, etc. [Retail]	cum	2.705			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
8.	(4.11.01.04.01) Supplying and fabrication of Ribbed or deformed bar reinforcement for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. Measurement relating to nominal mass, dimensions and tolerances of various types of steel shall conform to relevant BDS/ ASTM codes. Reinforcement shall be measured only in lengths of bar as actually placed in position on standard weight i.e. 7850 kg/m3 (BNBC Table 6.2.1) basis. No separate payment shall be allowed for chairs of any shape & profile, spacer bar of any shape & profile, lap/splice & welding unless otherwise shown in the drawing, wastages, binding wire etc. as the cost of these is included in the unit rate. Note: Tests for reinforcing bars shall be conducted at LGED/ BUET/ CUET/ KUET/ RUET/SUST. Grade B500DWR: Deformed bar produced and marked as per BDS ISO 6935-2:2016 with minimum yield strength, f_y (ReH) = 500 MPa but f_y (ReH) not exceeding 1.3 ReH, the ratio of actual ultimate tensile strength, f_u (Rm) to actual yield strength, f_y (ReH) shall be at least 1.25 and minimum elongation after fracture (A5.65) & minimum total elongation at maximum force (Agt) is 13% and 8% respectively. [This reinforcement shall be selected as per instruction given in the drawing & after getting approval from Design unit, LGED.] Using retail rate of reinforcing bar	kg	771.091			
9.	(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	580.350			
10.	(3.04.3.2) EE(125mm): Brick on end edging (125mm across) with 1st class/picked bricks including cutting trenches true to level & maintaining grade, removing earth, re-filling & ramming the sides properly, including supplying and filling the gaps with local sand, etc. all complete as per direction of the E-I-C.	m	432.000			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
11.	(3.08.4.1) SBFS(FM-0.50): Providing Single layer brick flat soling (BFS) with 1st class or picked bricks, true to level, maintaining camber/super elevation and grade including carrying bricks, filling the interstices tightly with sand of minimum FM 0.50, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	460.790			
12.	(3.08.5.1) SHBB(FM-0.50): Providing Brick on edge pavement in single layer of Herring Bone Bond (HBB) with 1st class or picked bricks true to level, maintaining camber, super elevation and grade, including supplying and laying 25mm thick sand (minimum FM 0.50) cushion over the BFS, filling the interstices tightly with same type of sand, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	580.350			
13.	(3.04.1.1) PiEE(75mm): Labour charge for picking up the existing brick on end edging (75mm across) including staking the materials at a specified distance, etc. all complete as per direction of the E-I-C.	m	98.000			
14.	(3.04.2.2) ReEE(125mm): Labour charge for Resetting the brick on end edging (125mm across) with 1st class/picked bricks including cutting trenches true to level & maintaining grade, removing earth, re-filling & ramming the sides properly, including supplying and filling the gaps with local sand, etc. all complete as per direction of the E-I-C.	m	98.000			
15.	(3.08.1.1) PiBFS: Labour charge for picking up the existing brick flat (BFS) soling and staking the materials at a specified distance, etc. all complete as per direction of the E-I-C.	sqm	119.560			
16.	(3.08.2.1) ReBFS(FM-0.50): Labour charge for Resetting of Single layer brick flat soling (BFS) with 1st class or picked bricks, true to level, maintaining camber/super elevation and grade including carrying bricks, supplying and filling the interstices tightly with sand of minimum FM 0.50, etc. all complete as per direction of the E-I-C.	sqm	119.560			
17.	(3.08.1.2) PiHBB: Labour charge for picking up the existing HBB and staking the materials at a specified distance, etc. all complete as per direction of the E-I-C.	sqm	119.560			

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SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
18.	(3.08.3.1) ReHBB(FM-0.50): Labour charge for Resetting of Brick on edge pavement in single layer of Herring Bone Bond (HBB) with 1st class or picked bricks true to level, maintaining camber, super elevation and grade over 25mm thick sand (minimum FM 0.50) cushion including filling the interstices tightly with same type of sand, etc. including supplying sand all complete as per direction of the E-I-C.	sqm	120.560			
19.	(7.70.3) Construction of masonry inspection pit with 250 mm thick brick work in cement mortar (1:4) including necessary earth work, side filling and one layer brick flat soling, 75 mm thick (1:3:6) base concrete for making invert channel and 12 mm thick (1:2) cement plaster with neat finishing etc. all complete up to a depth of 700 mm approved and accepted by the Engineer- in- charge. Clear 600 x 600 mm and depth 750 mm to 900 mm, average 825 mm for single 300 mm dia R.C.C. pipes and 400 mm PVC pipe. (PWD BW 26.70.3)	each	1.000			
20.	(6.10.01.05) Supplying and laying of uPVC pipes of different diameter and wall thickness for at least 3.25 bar (32.00 m head) working pressure in accordance with ISO-4422 and ISO-4065, including placing in position, connecting and leak proof O-ring jointing using best quality elastomeric sealing gaskets, etc. completed including costs of all materials, labors, etc and costs of testing for complete leak proofness and repair and/or replacement of leaking joints , if any but excluding costs of earthworks in trench cutting & filling as per design drawings, specifications and as per Direction of Engineer-in-Charge. For PVC Pipe: 250mm Dia, Wall Thickness 4.9mm	m	9.000			

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SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
21.	(14.05.01) Personal Protection Equipment for Workers: Providing and maintaining appropriate (safe design, fit and comfort) personal protection equipment (PPE) to ensure the highest possible protection for employees in establishing and maintaining a safe and healthful working environment at workplace, including demonstrating, providing training on proper understanding and development of skill in the use of PPE, including supplying (i) best quality safety jacket for construction workers made of 100% polyester waterproof fabric, fluorescent yellow/orange/green/red/blue or pantone color, (ii) suitable hand protection gloves for construction work of Flexible/ durable/ excellent puncture resistance working gloves with PVC palm and T/C drill back, pasted cuff, palm liner and fit properly and be reasonably comfortable to wear, (iii) appropriate foot protection shoes having impact-resistant toes and heat-resistant soles that will protect the feet against hot working surfaces, (iv) best quality safety helmets of ABS shell, tough, lightweight, durable which will be able to resist penetration by objects, absorb the shock of a blow and water-resistant and slow burning with available four-six-point adjustable suspension for shock-absorbing, slotted sides to accommodate accessories, such as face shields, ear muffs (v) suitable eye protection goggles to protect against specific workplace hazards, fit properly and be reasonably comfortable to wear, provide unrestricted vision and movement, including instructing workers to wear strictly during working time and reviewing periodically, updating, evaluating the effectiveness of PPE and maintaining, replacing worn or damaged PPE etc. all complete as per requirement and full satisfaction of Engineer-in-charge. Payment will be made after 100% completion of the contract successfully.	LS	1.000			
22.	(3.11.06) Labour for breaking head of hardened cast in situ bored pile/pre-cast pile up to a required length by any means but without damaging the rest and removing the dismantled materials such as concrete to a safe distance including scraps and cleaning concrete from steel/M.S. rods, straightening and bending of pile bars, preparation and making platform where necessary, carrying, all sorts of handling, stacking the same properly after clearing, leveling and dressing the situ and clearing the bed etc. complete in all respect and accepted by the Engineer-in-charge. (Measurement will be given for the actual pile head volume to be broken). [PWD 09.7]	cum	0.304			

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SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
23.	(3.11.07.1) Labour charge for driving pre-cast RCC piles with drop hammer type rig in any type of soil, handling and keeping in position and driving with suitable monkey/drop hammer for small pile otherwise suitable mechanical means to the required depth including fitting and fixing steel cap, etc. cost included hire charges of machineries, tools & equipments, wages of operational staff etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge. Cost of pile driving (Size-150mmx150mm) depth up to 6 m	m	135.000			
Sub-Total: Part - 1 [Construction of LGED Main road to Roaja Para (Sangu par) HBB Road (265m), Cross Drain (1nos), Surface Drain(3nos) and Slope Protection work using Precast RCC Piles and Geobag (44m).]						
Part - 2 [Construction of Cross Drain (Package)]						
24.	(4.05.01.01.01) Earth work in excavation of foundation of structures by mechanical (Hydraulic excavator - Long Boom)/ manual means in all sorts of soil up to specified depth in accordance with requirements of lines, grades, cross sections and elevation as shown in the drawing including setting out, removal of stumps, logs, boulders and other deleterious materials, providing necessary tools and plants, construction of shoring and bracing, cleaning the excavated materials to a safe distance out of the site premises, cut to a firm surface including pumping/ bailing out water, removal of spoils to a safe distance, dressing of sides and bottom and backfilling of trenches up to original level with approved material etc. all complete as per approval of E-I-C. Contractor shall get acquainted with site conditions, nature of soil and adopt suitable adequate dewatering system as deemed fit for the nature of soil and prevailing water table to get the surface reasonably dry for laying PCC at the time of execution so that execution will not be hampered or delayed. Back-filled materials shall be compacted to a density comparable with the adjacent undisturbed material. Earth work in Ordinary Soil by Manual Means for an initial lead up to 30m For depth up to 3m	cum	30.236			
25.	(4.06.01.01) Sand filling on the prepared foundation bed with sand of specified FM in layers not more than 150mm thick including necessary carriage, leveling, watering and ramming to achieve minimum dry density (MDD) of 95% STD compaction with optimum moisture content (OMC) by ramming each layer up to finished level as per direction of E-I-C. Sand of Minimum FM 0.8	cum	1.767			
26.	(4.06.02) Single layer brick flat soling with 1st class or picked kiln burnt bricks in foundation, filling the interstices tightly with sand of minimum FM 0.50, watering, leveling, dressing, etc. all complete as per instruction of the E-I-C.	sqm	11.782			

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SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
27.	(4.06.03) PCC-10: Plain cement concrete work in foundation with minimum compressive strength of 10 MPa at 28 days (sugessted mix proportion 1:3:6) on standard cylinder as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, sand of minimum FM 1.8 and 20mm down well graded 1st class/ picked brick chips (LAA value not exceeding 40) conforming to ASTM C 33 including breaking bricks into chips, shuttering, mixing by concrete mixer machine, casting, laying compacting and curing for the requisite period etc. all complete as per direction of the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost.	cum	0.884			
28.	(4.06.05.02) Brick work with 1st class brick in specified cement mortar in foundation with sand of minimum FM 1.20 and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing at least for 7 days etc. all complete as per design, specification & direction of the E-I-C. Cement mortar (1:4)	cum	10.687			
29.	(4.09.03.01) RCC-25SCCM: Reinforced cement concrete work with minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f_{cr} = 33.5$ MPa and satisfying a compressive strength $f_c = 25$ MPa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM II/A-L/M/V/W 42.5N, high range water reducing admixture of complying type A or F under ASTM C 494 (Doses of admixture to be fixed by the mix design), sand of minimum FM 2.5 and 20mm down well graded crushed stone chips broken from boulders (Preferably stone chips from Madhyapara, Dinajpur, LAA value not exceeding 30) conforming to ASTM C33 including breaking chips, screening through proper sieves, cleaning, placing shutter in position, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper, maintaining allowable slump of 75mm to 100mm, casting in forms, compacting by mechanical vibrator machine, curing for 28 days, removing centering-shuttering after approved specified time period, other incidental charges, etc. all complete as per drawing, specification & direction of the E-I-C. The cost of reinforcement and it's fabrication, welding, coupling, placing, binding etc. is not included but the cost of admixture is included in this unit rate. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost. [Using Concrete Mixture Machine and retail rate of Cement] For pile caps, abutment base, facing elements of Reinforced/ Mechanically Stabilized Earth Structure, bottom slab of Box Culvert etc.	cum	2.946			

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SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
30.	(4.09.03.03.01) RCC-25SCCM: Reinforced cement concrete work with minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f_{cr} = 33.5$ MPa and satisfying a compressive strength $f_c = 25$ MPa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to BDS EN 197-1 : 2003 CEM II/A-L/M/V/W 42.5N, high range water reducing admixture of complying type A or F under ASTM C 494 (Doses of admixture to be fixed by the mix design), sand of minimum FM 2.5 and 20mm down well graded crushed stone chips broken from boulders (Preferably stone chips from Madhyapara, Dinajpur, LAA value not exceeding 30) conforming to ASTM C33 including breaking chips, screening through proper sieves, cleaning, placing shutter in position, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper, maintaining allowable slump of 75mm to 100mm, casting in forms, compacting by mechanical vibrator machine, curing for 28 days, removing centering-shuttering after approved specified time period, other incidental charges, etc. all complete as per drawing, specification & direction of the E-I-C. The cost of reinforcement and it's fabrication, welding, coupling, placing, binding etc. is not included but the cost of admixture is included in this unit rate. Additional quantity of cement to be added if required to attain the strength at the contractor's own cost. [Using Concrete Mixture Machine and retail rate of Cement] For solid slab type super-structure including cantilever, side walk, curb and wheel guard of bridges For height up to 5 m	cum	2.946			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
31.	(4.11.01.02.01) Supplying and fabrication of Ribbed or deformed bar reinforcement for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. Measurement relating to nominal mass, dimensions and tolerances of various types of steel shall conform to relevant BDS/ ASTM codes. Reinforcement shall be measured only in lengths of bar as actually placed in position on standard weight i.e. 7850 kg/m3 (BNBC Table 6.2.1) basis. No separate payment shall be allowed for chairs of any shape & profile, spacer bar of any shape & profile, lap/splice & welding unless otherwise shown in the drawing, wastages, binding wire etc. as the cost of these is included in the unit rate. Note: Tests for reinforcing bars shall be conducted at LGED/ BUET/ CUET/ KUET/ RUET/SUST. Grade B400C-R/ B400CWR/ 400DWR: Ribbed or Deformed bar produced and marked as per BDS ISO 6935-2:2016 with minimum yield strength, f_y (ReH) = 400 MPa, but the tested yield strength shall not exceed f_y by more than the 125 MPa and the ratio of tested ultimate strength, f_u (Re) to tested yield strength (f_y) shall be at least 1.25 and minimum elongation after fracture (A5.65) & minimum total elongation at maximum force (Agt) is 17% and 8% respectively. Using retail rate of reinforcing bar	kg	512.977			
Sub-Total: Part - 2 [Construction of Cross Drain (Package)]						

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SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Total Price of the Tender						

The total price of our Tender is:

Tk.

[Value in figures]

[Value in words]

	Cost of recovered (salvage) materials (, etc.)	Fixed	As available in the site	0.00	Taka Only	0.00
	Note: Above recovered material cost will be deducted from the payments of the Contractor and in any case recovered material cost will not be changed.					

Signature of the Tenderer
with Seal

This Bill of Quantity contains _____ correction(s) duly initialed and signed by the authorized person of the Tenderer.

Bill Of Quantity (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR

Package Number : BND/DRR/2026/0004

Name of Work : 1. Lombaghona (Lusaimong's land) to Chaylaw Para (Chouching's home) Road, HBB Road (253m), L Drain (21m), Surface Drain (3 nos), Slope Protection using Geo bag & RCC Precast Piles (34m)

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Part - 1 [Lombaghona (Lusaimong's land) to Chaylaw Para (Chouching's home) Road, HBB Road (253m), L Drain (21m), Surface Drain (3 nos), Slope Protection using Geo bag & RCC Precast Piles (34m)]						
1.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completeion of the works or as instructed by the E-I-C. Sheeting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	2.160			

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SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
2.	(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 reference to laboratory density test AASHTO standard 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	95.400			
3.	(3.02.1.1) Sand (FM 0.50) filling on the road bed in the improved sub-grade with sand (minimum FM 0.5) free from dust, earth, other vegetable growth, foreign materials etc. including supplying all materials, spreading, watering, compacting by appropriate mechanical means to obtain a minimum Soaked CBR 8% or Design CBR at minimum compaction 98% of Maximum Dry Density (MDD) (Modified Proctor), etc. all complete as per direction of the E-I-C.	cum	85.381			
4.	(4.06.02) Single layer brick flat soling with 1st class or picked kiln burnt bricks in foundation, filling the interstices tightly with sand of minimum FM 0.50, watering, leveling, dressing, etc. all complete as per instruction of the E-I-C.	sqm	16.950			
5.	(5.03.03.1) Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Cement: CEM-II/B-M) [PWD 03.5] Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2. [PWD 03.5.1]	cum	1.271			

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				In Figure	In Words	
1	2	3	4	5	6	7
6.	(4.06.05.02) Brick work with 1st class brick in specified cement mortar in foundation with sand of minimum FM 1.20 and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing at least for 7 days etc. all complete as per design, specification & direction of the E-I-C. Cement mortar (1:4)	cum	2.363			
7.	(3.11.22.01) DSFGB: Supplying & dumping of soil filled geo-textile bags of different size and capacity (fill volume and weight when filled with dry sand/earth) at the specified locations along the bottom of piles of piers/ toe line properly, including loading, unloading, carrying geo-bags from stack-yard to dumping place by head load and power driven flat top country boat etc. including supplying of geo-textile bags (empty) of different sizes and capacity at project/work site conforming to the following Technical Specifications, filling of empty geo-textile bags of different sizes with suitable soil, stitching the bags by hand sewing machine in accordance with the detailed drawing and technical specifications with plastic thread, protecting the geo-textile bags from UV ray or any other damages and dumping the same in position etc. including higher charge and mobilization of all equipment, materials, labours, taxes, incidental charges etc. complete in all respect as per approved drawing, specification and direction of E-I-C. Geo-Textile Bag: Empty Size: 800mm x 650mm, Fill Volumn: 0.0520 cum & Weight: 80 Kg, [Geo-Textile Grade: Grade-III-DF-40-2.3mm thick]	bag	1492.056			

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1	2	3	4	5	6	7
8.	(3.11.04.2) RCC-20BCCM(PW): Reinforced cement concrete in Protective Works using steel shutter, with picked brick chips and minimum cement content relates to mix ratio 1:1.5:3 and maximum water cement ratio 0.4 having minimum required average strength, $f_{cr} = 28.5$ Mpa and satisfying a compressive strength $f_c = 20$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and cement conforming to Portland Composite Cement (CEM-II/A-L/M/V/W 42.5N), with best quality sand [50% quantity of medium sand (FM. 1.2) and 50% quantity of coarse sand of equivalent FM = 2.2] and 25mm down well graded picked brick chips (LAA value & maximum water absorption not exceeding 38 & 15% respectively) conforming ASTM C-33, including breaking chips and screening, making, placing shutter in position and maintaining true to the alignment, making shutter water-tight properly, placing reinforcement in position, mixing in standard mixture machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days, removing centering-shuttering after specified time approved, including cost of water, electricity, additional testing charges of materials and cylinders required by Engineer, other charges etc. all complete approved and accepted by the E-I-C. Additional quantity of cement to be added if required to attain the strength at the contractors own cost. (Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc.) Vertical Wall, Grade Beams, etc. [Retail]	cum	4.402			

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				In Figure	In Words	
1	2	3	4	5	6	7
9.	(4.11.01.04.01) Supplying and fabrication of Ribbed or deformed bar reinforcement for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. Measurement relating to nominal mass, dimensions and tolerances of various types of steel shall conform to relevant BDS/ ASTM codes. Reinforcement shall be measured only in lengths of bar as actually placed in position on standard weight i.e. 7850 kg/m³ (BNBC Table 6.2.1) basis. No separate payment shall be allowed for chairs of any shape & profile, spacer bar of any shape & profile, lap/splice & welding unless otherwise shown in the drawing, wastages, binding wire etc. as the cost of these is included in the unit rate. Note: Tests for reinforcing bars shall be conducted at LGED/ BUET/ CUET/ KUET/ RUET/SUST. Grade B500DWR: Deformed bar produced and marked as per BDS ISO 6935-2:2016 with minimum yield strength, f_y (ReH) = 500 MPa but f_y (ReH) not exceeding 1.3 ReH, the ratio of actual ultimate tensile strength, f_u(Rm) to actual yield strength, f_y(ReH) shall be at least 1.25 and minimum elongation after fracture (A5.65) & minimum total elongation at maximum force (Agt) is 13% and 8% respectively. [This reinforcement shall be selected as per instruction given in the drawing & after getting approval from Design unit, LGED.] Using retail rate of reinforcing bar	kg	598.586			
10.	(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	554.070			
11.	(3.04.3.2) EE(125mm): Brick on end edging (125mm across) with 1st class/picked bricks including cutting trenches true to level & maintaining grade, removing earth, re-filling & ramming the sides properly, including supplying and filling the gaps with local sand, etc. all complete as per direction of the E-I-C.	m	506.000			

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12.	(3.08.4.1) SBFS(FM-0.50): Providing Single layer brick flat soling (BFS) with 1st class or picked bricks, true to level, maintaining camber/super elevation and grade including carrying bricks, filling the interstices tightly with sand of minimum FM 0.50, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	554.070			
13.	(3.08.5.1) SHBB(FM-0.50): Providing Brick on edge pavement in single layer of Herring Bone Bond (HBB) with 1st class or picked bricks true to level, maintaining camber, super elevation and grade, including supplying and laying 25mm thick sand (minimum FM 0.50) cushion over the BFS, filling the interstices tightly with same type of sand, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge.	sqm	554.070			
14.	(3.04.1.1) PiEE(75mm): Labour charge for picking up the existing brick on end edging (75mm across) including staking the materials at a specified distance, etc. all complete as per direction of the E-I-C.	m	92.000			
15.	(3.04.2.2) ReEE(125mm): Labour charge for Resetting the brick on end edging (125mm across) with 1st class/picked bricks including cutting trenches true to level & maintaining grade, removing earth, re-filling & ramming the sides properly, including supplying and filling the gaps with local sand, etc. all complete as per direction of the E-I-C.	m	92.000			
16.	(3.08.1.1) PiBFS: Labour charge for picking up the existing brick flat (BFS) soling and staking the materials at a specified distance, etc. all complete as per direction of the E-I-C.	sqm	100.740			
17.	(3.08.2.1) ReBFS(FM-0.50): Labour charge for Resetting of Single layer brick flat soling (BFS) with 1st class or picked bricks, true to level, maintaining camber/super elevation and grade including carrying bricks, supplying and filling the interstices tightly with sand of minimum FM 0.50, etc. all complete as per direction of the E-I-C.	sqm	100.740			
18.	(6.10.01.05) Supplying and laying of uPVC pipes of different diameter and wall thickness for at least 3.25 bar (32.00 m head) working pressure in accordance with ISO-4422 and ISO-4065, including placing in position, connecting and leak proof O-ring jointing using best quality elastomeric sealing gaskets, etc. completed including costs of all materials, labors, etc and costs of testing for complete leak proofness and repair and/or replacement of leaking joints , if any but excluding costs of earthworks in trench cutting & filling as per design drawings, specifications and as per Direction of Engineer-in-Charge. For PVC Pipe: 250mm Dia, Wall Thickness 4.9mm	m	8.000			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
19.	(14.05.01) Personal Protection Equipment for Workers: Providing and maintaining appropriate (safe design, fit and comfort) personal protection equipment (PPE) to ensure the highest possible protection for employees in establishing and maintaining a safe and healthful working environment at workplace, including demonstrating, providing training on proper understanding and development of skill in the use of PPE, including supplying (i) best quality safety jacket for construction workers made of 100% polyester waterproof fabric, fluorescent yellow/orange/green/red/blue or pantone color, (ii) suitable hand protection gloves for construction work of Flexible/ durable/ excellent puncture resistance working gloves with PVC palm and T/C drill back, pasted cuff, palm liner and fit properly and be reasonably comfortable to wear, (iii) appropriate foot protection shoes having impact-resistant toes and heat-resistant soles that will protect the feet against hot working surfaces, (iv) best quality safety helmets of ABS shell, tough, lightweight, durable which will be able to resist penetration by objects, absorb the shock of a blow and water-resistant and slow burning with available four-six-point adjustable suspension for shock-absorbing, slotted sides to accommodate accessories, such as face shields, ear muffs (v) suitable eye protection goggles to protect against specific workplace hazards, fit properly and be reasonably comfortable to wear, provide unrestricted vision and movement, including instructing workers to wear strictly during working time and reviewing periodically, updating, evaluating the effectiveness of PPE and maintaining, replacing worn or damaged PPE etc. all complete as per requirement and full satisfaction of Engineer-in-charge. Payment will be made after 100% completion of the contract successfully.	LS	1.000			
20.	(5.12.03) Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to plinth wall with cement (1:4) up to 150 mm below ground level including washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) ground floor. [PWD 15.2]	sqm	21.000			
21.	(3.11.06) Labour for breaking head of hardened cast in situ bored pile/pre-cast pile up to a required length by any means but without damaging the rest and removing the dismantled materials such as concrete to a safe distance including scraps and cleaning concrete from steel/M.S. rods, straightening and bending of pile bars, preparation and making platform where necessary, carrying, all sorts of handling, stacking the same properly after clearing, leveling and dressing the situ and clearing the bed etc. complete in all respect and accepted by the Engineer-in-charge. (Measurement will be given for the actual pile head volume to be broken). [PWD 09.7]	cum	0.236			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
22.	(3.11.07.1) Labour charge for driving pre-cast RCC piles with drop hammer type rig in any type of soil, handling and keeping in position and driving with suitable monkey/drop hammer for small pile otherwise suitable mechanical means to the required depth including fitting and fixing steel cap, etc. cost included hire charges of machineries, tools & equipments, wages of operational staff etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-in-charge. Cost of pile driving (Size-150mmx150mm) depth up to 6 m	m	105.000			
23.	(5.02.01.2) Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench-mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract. [PWD 02.1] Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead [PWD 02.1.2]	cum	9.934			
Sub-Total: Part - 1 [Lombaghona (Lusaimong's land) to Chaylaw Para (Chouching's home) Road, HBB Road (253m), L Drain (21m), Surface Drain (3 nos), Slope Protection using Geo bag & RCC Precast Piles (34m)]						
Total Price of the Tender						

The total price of our Tender is:

Tk.

[Value in figures]

[Value in words]

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Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
	Cost of recovered (salvage) materials (, etc.) Note: Above recovered material cost will be deducted from the payments of the Contractor and in any case recovered material cost will not be changed.	Fixed	As available in the site	0.00	Taka Only	0.00

Signature of the Tenderer
with Seal

This Bill of Quantity contains _____ correction(s) duly initialed and signed by the authorized person of the Tenderer.

Bill Of Quantity (BOQ)

OTM

Name of Project : Integrated Actions Through MCBP & DRR

Package Number : BND/DRR/2026/0005

Name of Work : 1. Re-excavation of Bagmara Canal (1000 m) & Construction of U-Drain (131m)

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Part - 1 [Re-excavation of Bagmara Canal (1000 m) & Construction of U-Drain (131m)]						
1.	(1.02) Project Profile Signboard: Providing and fixing of typical project profile signboard as per direction of E-I-C, to be placed at a suitable place of the site including submission of proposals for the materials & size of the signboards (recommended size: 1800mm x 1200 mm with 2 nos. 75mm dia. MS post, outer & inner frames of board shall be 50mm x 50mm x 5mm & 25mm x 25mm x 5 mm respectively) and text layout to the engineer for approval which will be positioned as directed by the engineer and removing the same on completion of the works or as instructed by the E-I-C. Sheeting will be made of encapsulated lens with retro-reflective type and messages/ borders will be screen printed. The text shall mention among others the name of the project, name of the implementing agency, cost of the project, completion time, name of the contractor etc.	sqm	2.160			
2.	(5.02.01.2) Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench-mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract. [PWD 02.1] Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead [PWD 02.1.2]	cum	32.423			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
3.	(6.01.19) EWEx(M)Earthwork Excavation by Mechanical hydraulic Excavator (Long Boon)/Dredger in roadway/canals/beels/ponds etc. with 0.90 cum bucket capacity, including cutting and loading in tippers or disposing of all excavated materials at a safe distance designated by the E-I-C, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, leveling, dressing, etc. all complete for an initial excavation depth of 3m and lead up to 20m, including cost of hire charges of Excavator/dredger and all other machines, equipment, fuels, lubricants and wages of operational staff etc. all complete as per direction of the E-I-C.	cum	6027.855			
4.	(2.05.2) E/C(Mech): Compaction of earth in constructing of road embankment/road slopes/ canal bank/ compounds etc. as per design to profile in layers not exceeding 200mm thick, including clod breaking to a maximum size of 75mm, leveling, dressing, watering to bring moisture content $\pm$ 2% of OMC & compacting soil by vibratory soil compactor or by appropriate mechanical means to attain 95% of Maximum Dry Density (MDD) at Optimum Moisture Content (OMC) with reference to laboratory density test AASHTO-180 etc. all complete in all respect as per drawing, specification, direction and accepted by the Engineer-in-charge. [This item will be applicable where compaction events are not included in the items like compaction on box cutting soil]	cum	1200.000			
5.	(3.02.1.1) Sand (FM 0.50) filling on the road bed in the improved sub-grade with sand (minimum FM 0.5) free from dust, earth, other vegetable growth, foreign materials etc. including supplying all materials, spreading, watering, compacting by appropriate mechanical means to obtain a minimum Soaked CBR 8% or Design CBR at minimum compaction 98% of Maximum Dry Density (MDD) (Modified Proctor), etc. all complete as per direction of the E-I-C.	cum	10.808			
6.	(4.06.02) Single layer brick flat soling with 1st class or picked kiln burnt bricks in foundation, filling the interstices tightly with sand of minimum FM 0.50, watering, leveling, dressing, etc. all complete as per instruction of the E-I-C.	sqm	144.100			
7.	(5.03.03.1) Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Cement: CEM-II/B-M) [PWD 03.5] Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2. [PWD 03.5.1]	cum	14.410			

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SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
8.	(4.06.05.02) Brick work with 1st class brick in specified cement mortar in foundation with sand of minimum FM 1.20 and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-L/M/V/W 42.5N, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing at least for 7 days etc. all complete as per design, specification & direction of the E-I-C. Cement mortar (1:4)	cum	39.300			
9.	(5.12.03) Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to plinth wall with cement (1:4) up to 150 mm below ground level including washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) ground floor. [PWD 15.2]	sqm	301.300			
10.	(2.06.1) Creating turf on the side slopes and top of embankment with good quality turf not less than 225 mm square chunk, watering till the grass grown including all leads and lifts etc. complete and accepted by the Engineer-in-charge.	sqm	7453.200			

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
11.	(14.05.01) Personal Protection Equipment for Workers: Providing and maintaining appropriate (safe design, fit and comfort) personal protection equipment (PPE) to ensure the highest possible protection for employees in establishing and maintaining a safe and healthful working environment at workplace, including demonstrating, providing training on proper understanding and development of skill in the use of PPE, including supplying (i) best quality safety jacket for construction workers made of 100% polyester waterproof fabric, fluorescent yellow/orange/green/red/blue or pantone color, (ii) suitable hand protection gloves for construction work of Flexible/ durable/ excellent puncture resistance working gloves with PVC palm and T/C drill back, pasted cuff, palm liner and fit properly and be reasonably comfortable to wear, (iii) appropriate foot protection shoes having impact-resistant toes and heat-resistant soles that will protect the feet against hot working surfaces, (iv) best quality safety helmets of ABS shell, tough, lightweight, durable which will be able to resist penetration by objects, absorb the shock of a blow and water-resistant and slow burning with available four-six-point adjustable suspension for shock-absorbing, slotted sides to accommodate accessories, such as face shields, ear muffs (v) suitable eye protection goggles to protect against specific workplace hazards, fit properly and be reasonably comfortable to wear, provide unrestricted vision and movement, including instructing workers to wear strictly during working time and reviewing periodically, updating, evaluating the effectiveness of PPE and maintaining, replacing worn or damaged PPE etc. all complete as per requirement and full satisfaction of Engineer-in-charge. Payment will be made after 100% completion of the contract successfully.	LS	1.000			
Sub-Total: Part - 1 [Re-excavation of Bagmara Canal (1000 m) & Construction of U-Drain (131m)]						

Signature of the Tenderer with Seal

SL No	Item Code & Description of Work	Unit	Quantity	Quoted Unit Rates (Tk)		Total Amount In Figure (Tk)
				In Figure	In Words	
1	2	3	4	5	6	7
Total Price of the Tender						

The total price of our Tender is:

Tk.

[Value in figures]

[Value in words]

	Cost of recovered (salvage) materials (, etc.)	Fixed	As available in the site	0.00	Taka Only	0.00
	Note: Above recovered material cost will be deducted from the payments of the Contractor and in any case recovered material cost will not be changed.					

Signature of the Tenderer
with Seal

This Bill of Quantity contains _____ correction(s) duly initialed and signed by the authorized person of the Tenderer.

সাধারণ শর্তাবলী

১. ঠিকাদার শ্রেণি/যোগ্যতাঃ স্থানীয় সরকার প্রকৌশল অধিদপ্তর কর্তৃক অনুমোদিত (লাইসেন্সধারী) ১ম শ্রেণীর ঠিকাদার এবং অবশ্যই রাষ্ট্রাঙ্গাটি ও বান্দরবান পার্বত্য জেলার স্থায়ী বাসিন্দা হতে হবে এবং বর্তমানে রাষ্ট্রাঙ্গাটি ও বান্দরবানে কর্মরত থাকতে হবে।
২. সাধারণ অভিজ্ঞতাঃ পার্বত্য চট্টগ্রাম (CHT) এলাকায় অনুরূপ প্রকল্প/স্কীম বাস্তবায়নের ক্ষেত্রে সংশ্লিষ্ট কাজের ন্যূনতম ৫ থেকে ১০ বছরের প্রাসঙ্গিক অভিজ্ঞতার দলিলভিত্তিক প্রমাণ দাখিল করতে হবে।
৩. অনুরূপ কাজের অভিজ্ঞতাঃ সরকারি/আধা-সরকারি/স্বায়ত্তশাসিত প্রতিষ্ঠানে একই ধরনের অন্তত ২-৩টি বা নির্দিষ্ট সংখ্যক কাজ সফলভাবে সম্পন্ন করার অভিজ্ঞতা থাকতে হবে।
৪. আর্থিক সক্ষমতাঃ নির্ধারিত পরিমাণ Average Annual Construction Turnover থাকতে হবে।
 - ৪.১. স্কীমের লিকুইডিটিঃ প্রতিটি স্কীমের মূল্য অনুযায়ী সর্বনিম্ন ৫০% ব্যাংক কর্তৃক Liquid Asset/Working Capital/Credit Line-এর প্রমাণাদি সংযুক্ত করতে হবে।
৫. সীল মোহরকৃত খামের উপর পরিস্কারভাবে কাজের নাম, স্কীমের নাম, নম্বর ও ঠিকাদারের নাম, ঠিকানা লিখতে হবে।
৬. টেন্ডার/দরপত্র বাতিলঃ নিম্নের যে কোনো কারণে টেন্ডার/দরপত্র সরাসরি বাতিল করা হবে। যদি-
 - ক) দরপত্র ফরম ও সিডিউলে প্রতিটি পাতায় সহি/স্বাক্ষর না করে এবং ঘষামাজা/ওভাররাইটিং করে প্রতিস্বাক্ষর না করে দরপত্র দাখিল করেন
 - খ) দরপত্রের দর পরিস্কারভাবে অংকে ও কথায় না লিখে দাখিল করেন
 - গ) ঠিকাদার কর্তৃক দাখিলকৃত দরপত্রে কোনরূপ শর্তাবলী দেওয়া থাকে
 - ঘ) দরপত্র দাতা দরপত্রের সহিত সরকারি/স্বায়ত্তশাসিত প্রতিষ্ঠানের সত্যায়িত হালনাগাদ নবায়নকৃত ঠিকাদার তালিকাভুক্তির লাইসেন্স (রেজিস্ট্রেশন নম্বরসহ)/ Trade License, Income Tax Clearance/আয়কর সংক্রান্ত সনদ (প্রযোজ্য ক্ষেত্রে), ভ্যাট রেজিস্ট্রেশন সার্টিফিকেট, কাজের অভিজ্ঞতার সনদ, Completion Certificate এবং ব্যাংক Solvency/Liquid Asset/Credit Facility Certificate দাখিল না করেন। জমাকৃত জামানত ব্যাংক ড্রাফট কোনো ধরনের ত্রুটিপূর্ণ থাকলে বা ব্যাংক জমা'র ক্ষেত্রে যথা সময়ে ক্লিয়ারেন্স না দেওয়া।
- ৭। কাজ চলাকালীন বা ভবিষ্যতে যে কোনো জটিলতা এড়াবার জন্য ইচ্ছুক ঠিকাদার আশিকার প্রকল্প বাস্তবায়ন নীতিমালা জেনে এবং কাজের অবস্থান পরিদর্শন করে দরপত্র দাখিল করবেন। ভবিষ্যতে কৃতকার্য ঠিকাদার হিসাবে নির্বাচিত হলে আশিকার প্রকল্প বাস্তবায়ন নীতিমালা ও কাজের অবস্থান বিষয়ক কোনো প্রকার আপত্তি/দাবী গ্রহণ যোগ্য হবে না।
- ৮। কাজ চলাকালীন আশিকা, বিশ্বখাদ্য সংস্থা, সংশ্লিষ্ট সরকারি কর্মকর্তা ও ইভালুয়েশন কমিটির কর্মকর্তাগণ কাজ পরিদর্শন করতে পারবেন। তাদের পরিদর্শনের সময় বা পর যে কোন ধরনের যৌক্তিক সুপারিশ বা পরামর্শ বা নির্ধারিত কাজের কোনরূপ ত্রুটি পাওয়া গেলে, উক্ত ত্রুটি সংশোধন করতে ঠিকাদার বাধ্য থাকবেন।
- ৯। স্কীম/প্রকল্পের সকল কাজ অবশ্যই নির্ধারিত স্পেসিফিকেশন, প্লান, ডিজাইন মোতাবেক দায়িত্বপ্রাপ্ত কর্মকর্তা-এর নির্দেশে সম্পাদন করতে হবে। তবে প্রয়োজনবোধে আশিকার কর্তৃপক্ষ কাজের প্লান, ডিজাইন ও পরিমাপের পরিবর্তন, পরিবর্ধন বা পরিমার্জন করার অধিকার সংরক্ষণ করেন।
- ১০। কোনো মালামাল যদি স্পেসিফিকেশন/বর্ণনা মোতাবেক না হয় অর্থাৎ নিম্নমানের হয়, তবে ২৪ ঘণ্টার মধ্যে উক্ত মালামাল দায়িত্ব প্রাপ্ত কর্মকর্তা-এর নির্দেশ অনুসারে উক্ত সাইট হতে সরিয়ে উপযুক্ত মালামাল উপস্থিত করাতে হবে এবং সংশ্লিষ্ট ঠিকাদার কাজের মান ও গুণগতমানের জন্য এককভাবে দায়ী থাকবেন।
- ১১। কার্যাদেশ প্রাপ্তির ১ (এক) দিনের মধ্যে কৃতকার্য/নির্বাচিত ঠিকাদার ৩০০/- (তিনশত) টাকার নন-জুডিশিয়াল স্টাম্পে

দরপত্রের চুক্তি সম্পাদন করবেন। অন্যথায় দরপত্র সরাসরি বাতিল বলে গণ্য হবে।

১২। কার্যস্থলে অবশ্যই সাইটবুক সংরক্ষণ করতে হবে। যাতে পরিদর্শনকালীন সময়ে পরিদর্শনকারী কর্মকর্তা উক্ত সাইট বহিতে প্রয়োজনীয় মন্তব্য লিপিবদ্ধ করতে পারেন এবং সংশ্লিষ্ট ঠিকাদার উক্ত নির্দেশ মোতাবেক কাজ সম্পাদনে বাধ্য থাকবেন।

১৩। কাজ সমাপ্তির পরে বিশ্ব খাদ্য কর্মসূচি ও উপজেলা টাঙ্কফোর্স কমিটির সুপারিশক্রমে প্রয়োজনীয় অফিসিয়াল কার্যাদি সম্পাদনের পর পেমেন্ট সিডিউল অনুযায়ী আশিকার অর্থ বিভাগ বিল পরিশোধের ব্যবস্থা নেবেন।

১৪। **Tender Security:** টেন্ডার ডকুমেন্টে নির্ধারিত পরিমাণ Tender Security নির্ধারিত সময়ের মধ্যে জমা দিতে হবে। **Security** মানি/জামানত সর্বোচ্চ ০৬ (ছয়) মাস বা আলোচনাসাপেক্ষ সময় পর্যন্ত অত্র সংস্থার ব্যাংক হিসাবে সংরক্ষিত থাকবে। এই সময়সীমার ভিতরে স্কীমের কাজের কোনো ধরনের ক্ষতি সাধন হলে অফিস নোটিশ প্রাপ্তির ০৭ (সাত) দিনের মধ্যে উক্ত কাজ সম্পন্ন করতে হবে। অন্যথায়, সংশ্লিষ্ট ক্ষতির সমপরিমাণ অর্থ অত্র প্রতিষ্ঠান জমাকৃত **Security** মানি থেকে খরচ করার ক্ষমতা রাখে এবং সেই পরিমাণ অর্থ জামানত থেকে বাজেয়াপ্ত হয়েছে বলে গণ্য করা হবে।

১৫। টেন্ডার ডকুমেন্ট ও ফরম পূরণ: Tender Document-এর নির্ধারিত সব ফরম সঠিকভাবে পূরণ করতে হবে। কোনো বাধ্যতামূলক ফরম অসম্পূর্ণ থাকলে টেন্ডার non-responsive বলে গণ্য হবে।

১৬। কাজের স্থান পরিদর্শন: টেন্ডার/দরদাতাকে কাজের স্থান সরেজমিনে পরিদর্শন করার পরামর্শ/শর্ত দেওয়া হতে পারে এবং Site Visit Certificate/Report চাওয়া হতে পারে।

১৭। জনবল ও যন্ত্রপাতি: কাজ সম্পাদনের জন্য পর্যাপ্ত যোগ্যতা সম্পন্ন প্রয়োজনীয় প্রকৌশলী, কারিগরি জনবল, শ্রমিক এবং নির্মাণ যন্ত্রপাতি (Equipment) বিদ্যমান থাকতে হবে। নির্দিষ্ট প্রকল্পে Dedicated Equipment/Manpower মূল্যায়ন করা হবে।

১৮। কাজের সময়সীমা: নির্ধারিত সময়ের মধ্যে কাজ শুরু ও সম্পন্ন করতে হবে। বিলম্ব হলে চুক্তির শর্ত অনুযায়ী Liquidated Damages/অন্যান্য ব্যবস্থা প্রযোজ্য হতে পারে।

১৯। অসম্পূর্ণ/ভুয়া অভিজ্ঞতার সনদ: Partial/Substantial/Incomplete কাজের সনদ গ্রহণযোগ্য নয়। Completion Certificate-এ কাজের বিবরণ, চূড়ান্তবিলের মূল্য, কাজ শুরুর তারিখ ও প্রকৃত সমাপ্তির তারিখ উল্লেখ থাকতে হবে। এসব সার্টিফিকেট এর সত্যতা যাচাই করা হবে।

২০। ভুয়া তথ্য প্রদান: ভুল বা জাল তথ্য/সনদ দিলে টেন্ডার বাতিল সহ PPR ২০২৫ অনুযায়ী ব্যবস্থা নেওয়া হতে পারে।

২১। দরপত্রের বৈধতা: Tender validity period বিজ্ঞপ্তি অনুযায়ী নির্ধারিত থাকবে এবং ঠিকাদারী প্রতিষ্ঠানকে তা মেনে চলতে হবে।

২২। নিয়োগ পাওয়া ঠিকাদারী প্রতিষ্ঠান স্ব স্ব প্রকল্পের বা স্কীমের কাজের ক্ষেত্রে পরিবেশসহনশীলতা ও জননিরাপত্তা বজায় রেখে স্থানীয় জনগোষ্ঠীকে সম্পৃক্ত করে, তাদের কাজের দক্ষতা ও শ্রমকে প্রাধান্য দিতে হবে।

২৩। Lowest quoted price হলেই যে Tender গ্রহণ করতে হবে-এমন নয়; responsive ও qualified tenderer-এর মূল্যায়ন করা হবে। Standard Tender Document (STD)-এ qualification criteria-র ওপর বিশেষ গুরুত্ব দেওয়া হবে।

২৪। কর্তৃপক্ষের অধিকার: Procuring Entity আইন ও বিধিমালা অনুযায়ী দরপত্রের যে কোনো একটি বা সবক'টি দরপত্র বাতিল করার সার্বিক ক্ষমতা কোন প্রকার কারণ দর্শানো ব্যতিরেকে কর্তৃপক্ষের হাতে থাকবে।



A handwritten signature in black ink, appearing to be "B. K. D.", is positioned above the printed text.

নির্বাহী পরিচালক

আশিকা ডেভেলপমেন্ট এসোসিয়েটস

কাস্টো হাউজ, কে কে রায় সড়ক, রাঙ্গামাটি পার্বত্য জেলা।