

M/s Greenland International

Priced Bill of Quantities (BOQ)

Unit Rate Basis

Estimate by the Procuring Entity

Item No.	Group	Item Code (If any)	Description of Items of Works (specifications preferably built-in)	Unit	Quantity	Unit rates or prices (in figures) (BDT)	Unit rates or prices (in words) (BDT)	Amount (in figure) (BDT)	Amount (in words) (BDT)	I have seen
1	-	N/A	Mobilization and cleaning site before commencing actual physical work and during contract period and demobilization after completion of the works under contract to be accepted by the Engineer-in-charge. This work shall also cover clayey cleaning and clearing, cutting or filling, dressing the project area on and in the ground to an extent that all the events of works of the project can be executed smoothly in a working environment with a particular attention on safety and security in all respects, and to stockpile the end outcome to a place for disposal agreed by the Engineer-in-charge, where, payments are to be based on ground area determined by the Engineer-in-charge and be proportionate to the percentage progress of work under contract as a whole in all respects and approved by the Engineer-in-charge.	Sqm	516.000	218.001	Two Hundred And Eighteen Point Zero Zero One	112488.516	One Lakh Twelve Thousand Four Hundred And Eighty-Eight Point Five One Six	I have seen
2	-	N/A	Layout and marking for earthwork in excavation in foundation accepted by the Engineer-in-charge. [Plinth area of the structure shall be considered for measurement]	Sqm	71.742	19.001	Nineteen Point Zero Zero One	1363.169	One Thousand Three Hundred And Sixty-Three Point One Six Nine	I have seen
3	-	N/A	Dismantling of R.C.C. beam, lintel, column, drop wall, sun shade from any height and removal old debris to a safe distance.	cum	43.880	3928.001	Three Thousand Nine Hundred And Twenty-Eight	172360.683	One Lakh Seventy-Two Thousand Three Hundred And Sixty	I have seen

							Point Zero Zero One		Point Six Eight Three	
4	-	N/A	Dismantling of unserviceable/damaged brick works (with cement or lime mortar) of thickness 75/125 mm in foundation and superstructure and removal of debris to a safe distance.	Sqm	182.000	62.001	Sixty-Two Point Zero Zero One	11284.182	Eleven Thousand Two Hundred And Eighty- Four Point One Eight Two	I have seen
5	-	N/A	Bailing out all source of water from trenches channel & any other means with all leads & lift by pump or any other means etc. All completed as per direction of the Engineer in charge.	Day	30.000	2141.001	Two Thousand One Hundred And Forty-One Point Zero Zero One	64230.030	Sixty-Four Thousand Two Hundred And Thirty Point Zero Three	I have seen
6	-	N/A	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m head	cum	210.940	168.001	One Hundred And Sixty- Eight Point Zero Zero One	35438.130	Thirty-Five Thousand Four Hundred And Thirty- Eight Point One Three	I have seen
7	-	N/A	Shore protection work during excavation in foundation trenches beyond 1.5 m depth to protect loss due to damage of property by palisading accepted by the Engineer-in-charge, [The rate is including the cost of vertical post]	Sqm	600.000	1047.001	One Thousand And Forty- Seven Point Zero Zero One	628200.600	Six Lakh Twenty- Eight Thousand Two Hundred Point Six	I have seen
8	-	N/A	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	Sqm	72.000	518.001	Five Hundred And Eighteen Point Zero Zero One	37296.072	Thirty- Seven Thousand Two Hundred And Ninety-Six Point Zero Seven Two	I have seen
9	-	N/A	125 mm brick works with first class bricks with cement sand (F.M. 1:2) mortar (1:4) and making bond with connected walls including necessary scaffolding, raking out joints, cleaning and soaking the bricks for at least 24 hours before use and washing of sand, curing at least for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	Sqm	64.800	1408.001	One Thousand Four Hundred And Eight Point Zero Zero One	91238.464	Ninety- One Thousand Two Hundred And Thirty- Eight Point Four Six Four	I have seen

(Cement: CEM-II/B-M) In ground floor

Minimum 12 mm thick cement sand (F.M. 1.2) plaster (1:4) with fresh cement to wall both inner- and outer surface, finishing the corner and edges including washing of sand cleaning the surface, scaffolding and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer. (Cement: CEM-II/A-M). Ground floor.

10

-

N/A

Sqm

410.540

315.001

Three
Hundred
And
Fifteen
Point
Zero Zero
One

129320.510

One Lakh
Twenty-
Nine
Thousand
Three
Hundred
And
Twenty
Point Five
One

I
have
seen

Exterior premium acrylic emulsion paint of approved best quality and color with high performance against dirt picking tendency and efflorescence resistance properties along with water resisting properties and resistance properties against fungi, fading and flaking from authorized local agent of the manufacturer in a sealed container; applying to exterior surface with surface preparation including cleaning drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus, mending good the surface defects using sand paper and necessary scaffolding; applying necessary exterior sealer of specified brand on prepared surface; then applying necessary exterior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 2 coats of exterior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. upto desired finishing, elapsing specified time for drying or recoating; all complete in all floors and accepted by the Engineer-in-charge.

11

-

N/A

Sqm

205.270

298.001

Two
Hundred
And
Ninety-
Eight
Point
Zero Zero
One

61170.665

Sixty-One
Thousand
One
Hundred
And
Seventy
Point Six
Six Five

I
have
seen

12

-

N/A

cum

176.020

1167.001

One
Thousand
One
Hundred
And
Sixty-
Seven

205415.516

Two Lakh
Five
Thousand
Four
Hundred
And
Fifteen

I
have
seen

Sand filling in foundation trenches and plinth with sand having minimum F.M. 0.8 in 150 mm layers including leveling, watering and compaction to achieve minimum dry density of

			95% with optimum moisture content (Modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge.				Point Zero Zero One		Point Five One Six	
13	-	N/A	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or any where below cement concrete complete in all respect and accepted by Engineer-in-charge.	Sqm	510.680	47.001	Forty- Seven Point Zero Zero One	24002.470	Twenty- Four Thousand And Two Point Four Seven	I have seen
14	-	N/A	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.5:3 having maximum water cement ratio = 0.40 and minimum f _{cr} = 33.5 MPa, satisfying a specified compressive strength f _c = 25 MPa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM, Cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa) / ASTM-C 150 Type I, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down well graded stone chips conforming to ASTM C-33 (Aggregate grading as per table shown in technical specification), conducting necessary tests, making and placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing with standard mixer machine with hopper, fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, other charges etc. all complete, approved and accepted by the Engineer-in-charge.	cum	44.264	15323.001	Fifteen Thousand Three Hundred And Twenty- Three Point Zero Zero One	678257.316	Six Lakh Seventy- Eight Thousand Two Hundred And Fifty- Seven Point Three One Six	I have seen
15	-	N/A	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane, to make the concrete surface true to the	Sqm	519.700	522.001	Five Hundred And Twenty- Two Point	271283.919	Two Lakh Seventy- One Thousand Two Hundred	I have seen

			designed shape and size by using necessary MS sheets of minimum 16 BWG, angles of minimum size 40 mm x 40 mm x 5 mm, flat bars etc.) and removal of form for: Pedestal, column, column capital, lift wall and wall up to ground floor.				Zero Zero One		And Eighty-Three Point Nine One Nine	
16	-	N/A	Supplying, fabrication and fixing to detail as per design : ribbed or deformed bar reinforcement (excluding laboratory test fees) for Reinforced concrete, produced and marked in accordance with BDS ISO 6935-2:2016 (or standard subsequently released from BSTI) including straightening and cleaning rust, if any, bending and binding in position with supply of G.I. wires, conducting necessary laboratory tests etc. (excluding splices or laps) complete in all respect and accepted by the Engineer-in-charge (Measurement shall be recorded only on standard mass per unit length of bars, while Supplying, fabrication and fixing to detail as per design : ribbed or deformed bar reinforcement (excluding laboratory test fees) for Reinforced concrete, produced and marked in accordance with BDS ISO 6935-2:2016 (or standard subsequently released from BSTI) including straightening and cleaning rust, if any, bending and binding in position with supply of G.I. wires, conducting necessary laboratory tests etc. (excluding splices or laps) complete in all respect and accepted by the Engineer-in-charge (Measurement shall be recorded only on standard mass per unit length of bars, while dia of bars exceeds its standard) Grade 400 (B400DWR / B420DWR: complying BDS ISO 6935-2:2016 / ASTM A615) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, f_y (ReH)= 400 MPa but f_y not exceeding 480 MPa and whatever is the actual yield	Kg	7228.214	121.001	One Hundred And Twenty-One Point Zero Zero One	874621.122	Eight Lakh Seventy-Four Thousand Six Hundred And Twenty-One Point One Two Two	I have seen

			strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength f_u to yield strength f_y , shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 17% and 8% respectively : up to ground floor.							
17	-	N/A	Supply, fabrication and installation of hot-rolled sections (W, H, I-shape etc.) for columns, beams, rafters, bracings etc. (up to level-4) conforming to ASTM A36, with a minimum yield strength of 250 MPa, including the cost of testing of plates, application of red/grey-oxide primer etc. all complete as per drawing, specification and direction of Engineer-in-charge.	Kg	8745.110	131.001	One Hundred And Thirty-One Point Zero Zero One	1145618.155	Eleven Lakh Forty-Five Thousand Six Hundred And Eighteen Point One Five Five	I have seen
18	-	N/A	Epoxy enamel paint of approved quality and colour delivered from authorized local agent of the manufacturer in a sealed container; surface preparation including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus (if required must be treated with fungicidal solution) flaking paints, washing the surface with soap water/caustic soda, mending good the surface defects, smoothening the surface by putty, sand papering the surface; applying to Interior concrete surfaces and walls in three coats by brush/roller/spray etc. upto desired finishing; elapsing specified time for drying and recoating; with necessary scaffolding all complete in all floors and accepted by the Engineer-in-charge.	Sqm	291.600	461.001	Four Hundred And Sixty-One Point Zero Zero One	134427.891	One Lakh Thirty-Four Thousand Four Hundred And Twenty-Seven Point Eight Nine One	I have seen
19	-	N/A	Making Dhaka WASA Monogram on MS grill of boundary wall	Nos	46.000	1200.001	One Thousand Two Hundred Point Zero Zero One	55200.046	Fifty-Five Thousand Two Hundred Point Zero Four Six	I have seen
20	-	N/A	"safety measure item (gum boot =8 pairs, visible vest =8 nos , helmet = 8 nos, hand gloves =8 pairs etc) .	Item	1.000	5500.001	Five Thousand Five Hundred	5500.001	Five Thousand Five Hundred	I have seen

			all complete and accepted by the Engineer-in-charge. "				Point Zero Zero One		Point Zero Zero One
							Grand Total:	4738717.457	Forty- Seven Lakh Thirty- Eight Thousand Seven Hundred And Seventeen Point Four Five Seven

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md. Chowdhury on behalf of M/s Greenland International

M/s Greenland International

Tenderer's Quoted Price

Tenderer's Quoted Price

Total Estimated Cost (BDT)	Percentage (-5% to +5%)	Offered Amount (in figures) (BDT)	Offered Amount (in words) (BDT)
4738717.457	-5.000	4501781.584	Forty-Five Lakh One Thousand Seven Hundred And Eighty-One Point Five Eight Four
	Grand Total:	4501781.584	Forty-Five Lakh One Thousand Seven Hundred And Eighty-One Point Five Eight Four

This Tenderer's Quoted Price is Electronically Signed by Mr. Md. Chowdhury on behalf of M/s Greenland International