Name of work : Construction of 01 (Nos) Adolescent Girls Corner (with Civil, Finishing, sanitary & plumbing, etc.) At Gazaria Shantikunja Academy High School

Projcct Name: Promoting Menstrual Hygiene Management Facilities for Adolescents in school level at Shakhipur CDP.

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Part-1: Civil Works- Part A (All the items include VAT,TAX & Profit)

SL	Description Of Works	Quantity	Unit	Rate in TK.	Amount in TK.	Remarks
1.	Providing Site preparation, Layout and Demarcating lines, exisiting ground level (EGL) formation level ground (FGL) highest flood level (H FL), plinth level (PL). Setting and marking all pillars. markers, pegs etc. showing and maintaining reduced levels (RL) including locating, establishing, protecting all public utilities within the premise of work and Finally all to be presented in black and white etc.complete as per as direction and guidance of the Engineer in Charge.	17	Sqm			

	trenches in all kinds of Roll up to a minimum depth of 2'-0" (Two feet) or more depending on the actuat soil condition as per site requirement. If the soil Earth Work in Exavation for column footing and foundation condition is found unsatisfactory, exavition must be extended In a greater depth as per engineering requirement followed hy sand filling locaI/Sylhet sand filling in layers including watering and optimum compaction to prepare the base for footing concrete. The item also includes providing layout, center lines. bench-mark pillars, fixing bamboo spikes, marking with chalk powder, providing necessary tools & plan1s, protecting and maintaining the tren ch dry, stacliing or cleaning the excavated earth at a Safe distance, all complete as per direction and g,uidance of the Engineer-in-Charge	5.00	Cum			
2.	(CC) works (ratio 1:2:4) in footing bases over a single layer polytheen sheet Cement must be of approved btands (SH AH , seven rings) conforming to BDS EN-197-1-CEM-II, 52.5N, maintaining W/C ratio = 0.45. Sand shall be a mix ofF.M. 1.2) and(50% Sylhet sand (F.M. 2.2). Aggregate shall be 20 mm down piyked jhama brick chips conforming to ASTM C-33. The item inclu des machine mixing, casting. compactin° by mechanical vibrator. leveling, and proper curing for at least 7 days, all complete as per direction and acceptance of the Engineer-in-charge.	64.000	Cft			

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Part-1: Civil Works-Part A (All the items include VAT,TAX & Profit)

SL	Description Of Works	Quantity	Unit	Rate in TK.	Amount in TK.	Remarks
3.	Reinforced Cement Concretet (RCC) works in Toilet slab (size7'*4)' to Roof TOP level (total slab heisht 5"), relates to mix ratio 1:2:4 having maximum water-cement ratio = 0.45 end minimum P cr = 26 MPa, satisfying a specyified compressive strength fi c = 19 MPa standard cylinders as per ACI / BNBC code. Cement must be of approved brands (Seven ltings. Crown, or SHAH) conform in g to BDS IN-197-1-CEM-I, 52.SN. Sand must be a mixture of 50% best local sand (F.M. 1.2) and 50% Sylhet sand or coarse sand (F.M. 2.2). Aggregates shall be 20 mm down well-graded picked jhama brick chips conforming to ASTM C-33. Item inclu des supplying, cutting, bendin g, and placing in position main reinforcement . 10 min dia and . 10 rum dia MS deformed bars) (BSRNl/KSRIYI/.SKS) along with B m m dia MS lateral ties/stirrups (as per drawing), makin grigid, perfectly vertical (line-plu mb) and water-tight shuttering properly' with sufficient bracing/props,	17.00	Cft			

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Part-1: Civil Works- Part A (All the items include VAT.TAX & Profit)

SL	Description Of Works	Quantity	Unit	Rate in TK.	Amount in TK.	Remarks

4.	Reinforced Cement Concrete (RCC) works in integrated Lintel-cum-Roof Beams (size:5"x6") at total lenth 54'Reinforced Cement Concrete (RCC) works in integrated Lintel-cum-Roof Beams (size:5"x6") at total lenth 54'.relates to mix ratio 1: 2:4 having minimum fc = 19 NPa at 28 days as per ACI/BNBC code. Cement miist be of approved brands {Seven Rings, Crwon, or SHAH) conforming to BDS EN-197-1-CEM-I, 52.5N. Sand must be a 50:50 mixture of local sand (F.M. 1.2) and Sylhet sand (F.M 2.2). Aggregates shall be 20 mm down well-graded picked jhama brick chips. Item Includes supplying, cutting, bending, and placing main reinforcement (3 nos. 10mm dia and ring 8 mm dia MS deformed hars) (BSRM/KSRM/AKS)with 8 mm dia MS stirrups, making rigid water-tight shuttcring with bottom staging, machine mixing, mechanical vibratins and proper curing for at least 7 days, including all cost of materials, labor, tools, and taxes complete	13.00	Cft			
5.	Brick w'ork with firsi-class picked bricks (5" & 10' thick) in suberstructure and superstructure, both below beam boaom up to lintel level and above beam level, with cement-sand mortar ratio Of 1:4 (1 part cement : 4 parts local sand of minimum F.M. 1.2). Cement must be of approved brands (Seven Rings, Crown, or SHAH) conforming to BDS EN-197-1-CEM-I, 52.SN. The item includes sorting bricks, u'etting them thoroughly in water for at least 24 hours before use, laying in true line, plumb snd level, rsking out jnints. cleaning, and proper curing of at least 7 days, including the cost of scaffolding, Staging, labor, snd sll applicable taxes, complete in all respects as per drawing, direction, and acceptance of the Engineer-in-charge.	34.0	sqm			

5.	Providing atid applying cement plastering works to all internal and external surfaces of w'alls, columns, and beams from plinth level u to the hi hest oint, with a cement-send mortar ratio of 1:4 (I part cement : 4 parts local sand of minimum W.II. 1.2). The thickness of the plaster must be a minimum of t2 mm fur all internal surfaces snda minimum uf 20 mm for all external/exposed surfaces. Cement must be of appru›'ed brands (Seven Rings, Crown, or SHAH) conforming to BDS EN-tP7-1-CLM-I, fi2.5fi. The item includes hacking conci-ctc surfaces, preparation of rough brick surfaces, wetting the surfaces thoroughly before application, making necessar)course (grooves) under sunshadcs/projections, ensuring perfectly pIu mb, straight lines, true square corners, smooth troivcled finish, and continuous water curing for at least 7 days. The cost includes external and internal steel/bamboo scaffolding, staging, protectis sheets, labor, water, tools, equipment, and	95.0	sqm			
Sub To(01)-Civil Work Part A-						

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Part-2: Finishing Work Partv A-Tiles (All the items include VAT,TAX & Pt ofit)

SL	Description Of Work	Quantity	Unit	Rate in TK.	Amount in TK.	Remarks

6.	wall surfaces providing and applying 01 (one) coat wall s urfaces providing and applying 01 (one) coat ot premium quality, interior acrylic water-based primer (Berger Hobbialac Interior Primer or equis'alent) and necessary layers of ready-mixed acrylic wall putty/filler to all internal walls, colu m ns, and beams. The item in eludes thorough surface preparation by cleaning, removing dust, loose materials, effiorescence. sand papering with various grades uf emery paper to make the surf'ace perfectly smooth. level, and free from undulations, including providing scaffolding, labor, tools, and all applicable taxes, complete in all respects as per manufacturer's specifications and	88.00	Sqm			
8.	Supplying and applying minimum 02 (two) coats of Acrlie Distemper I.Adolescent tiirls Corner Proje ct) to all interns 1 wall surfaces, columns, and beams ox'er a coat of primer. The color and shade must be matching with Good Neighbors Lpgo Colour or Green Colour Code Spring 3A0B72 delivered from authorized local agent of the manufacturer in a sealed container. The tiles/skirting borders must be safely masked/protected before application. Ttte rate must include surface cleaning between coats, smooth trou'eIcd finish, providing internal scaffolding, staging, protective coverings for fioors, labor, transport, and all associated costs, complete in all respects as per drawing, specification and accepted by the Engineer-in-charge.	88.00	Sqm			

7.	Supplying and applying weather coats of Acrlie 1..Adolescent Girls Corner Project) to all interns wall surfaces, outer column faces. and roof slab edges. The work consists of applying minimum 03 (three) coats of premium Acrylic \eathcr Cool (Berger Luxur weatherCoat Smooth or equip agent) over (one) coat of exterior acr1iIic piater. The weather coat (Berger Green Colnur) must be matching ith Good Neighbors Logo Colour or Green Coluur Code Spfing 5A0872, aft borders with he finished in While Co1our, and the r0of slab edge/cornice will be finished in Tangerine color as per approved branding design. Materials must be delivered from the authorized local agent of the manufacturer in sealed containers. The item includes robust external staging/scaffolding, safet)' measures for labor, surface preparation by removing dust and washing, complete in all respects and accepted by the Engineer-in-	88.00	Sqm			

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SL	Description Of Work	Quantity	Unit	Rate in TK.	Amount in TK.	Remarks
8.	Steel/MS Doors, Windows and Ventilator. Paintfng to 01 (one)	15.20				

	No. MS/Steel Door frame and palla (Size: 3'-4”x7'-0”), 02 (two) Nos. MS/Steel Window frames and shutters with integrated safety grilla (Size: 4'-5"z5'•0" each) and 01 (one) No. Venfilator with grill (Size: 1’-6"*1’-6") in 02 {two) coats over a coat of anti-corrosive red oxide priming. The paint must be approved best quality Synthetic Enamel Paint (Berger Green Colour matching with Good Neighbors Logo Colour or Green Colour Code Spring 3A0872) delivered from authorized locgl agent ln a sealed container. The item Includes thorough surface preparation by removing rust, loose scales, cleaning with svire brush, gand papering to make surfaces smooth, labor, brushes, protective masking, and all applicable taxes, complete in atl respects and accepted try the					

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Part-2: Finishing Work Part A-Door & window (All the items includc VAT,TAX & Profit)

SL Description Of Work	Quantity	Unit	Rate in TK.	Amount in TK.	Remarks

9.	Supplying fitting and fixed MS/Steel Door windows with integrated safety grills (.Adolescent Girls Corner Project) Consistang Of 01 (one) No. Door, (Size: 3'-4"x7'-0") and 02 Nos. windows (Size: 4'-5"x5'-0" each). The frames and palla are to be fabricated with heavy-duty MS bar sections, angles, anLI high-quali steel sheets of approved including integrated safety .The rate must include cost of call with MS holdfasts, concrete mending, scaffolding, labor, end all appliCsble taxes, complete in all respects snd accepted by the Engineer-in-charge.	3.00	Each			
10.	Supplying fitting and fixed RFL brand PVC Plastie Door (Size: 2'-4"x7'-0") the toilet complète with factory-made heavy duty PYC frame and matching hollow core PVC door shuttcr psnel. The door must be of apprnvcd color, deslgn, and textlire matching the project aesthetic (Adoleccent Girls Corner Project). The item includes suppÍying and installing alt necessai y premiu m quality accessories such aa heavy-duty PVC MS hinges. providing all labor, tools, equipment, carrying, and all applicable taxes, complete in all respecte and accepted by the Engineer-in-charge.	1	Each			

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Part-3: Electrical (All the items include VAT,TAX & Profit)

SL	Description Of Work	Quantity	Unit	Rate in TK.	Amount in TK.	Remarks

11.	Concealed ronduit wiring supplying, fixing & fitting etc, all complete for the following point looping at the switch board with eartti terminal including circuit string with 1C-2X1.5 sqmm PVC insulated cable (BYA) & 1.5 sqmm PVC insulated green / white coloured ECC wire (BYA) through PYC conduit (Lira brand or equivalent product of other reputed manufacturer) of minimum 20 mm dis & 1.5 mtn welt tlxichness l8 SEC1 GP sheet, switch board and pull box with 3 mm thick chonite sheet cover, S amps, piano su'itch, ceiling **rose,** fixing materials etc. as required (all electrical contacts shall be of brass of copper) mending the damages					
	2D nim dia,25mm thick Vigo Electric cable casing	**50.0**	Rft			
	Light points and multi holder (scre v & pin)	3.0	Point			
	Superster LED AC/DC Bulb 2-nos 16W	2.0	Point			
	Fan Point With Regulator Wiring	1.0	Point			
12.	Supplying, fixing & fitting etc. all complete using 250 volts, 5 amps (minimum) concealed type following switch/switch socket mounted on required size 18 SWG galvanized plain sheet board of 76.2 m m (3") depth complete with PVC box, ebonite sheet cover plate, brass/copper contacts, screcs, fixing materials and all necessary accessories complete in all respect as per standard specification and accepted by the Engineer-in-Charge.					
	Main Switch Board Unit: Comprising of 2 hos Light Switches, 1 Fan Switches & Regulators complete	1.00	Set			

	toilet Switch Board Unit comprising of 01 No. Light Switches for Toilet	1.00	Nos			
	5 Amp Switch soeket	1.00	Nos			
13.	Electrical Cable 1.5rm (Estern/BRB/ParudiseRWalton/SQ) for connection with chemie service from Main power supply to SDB and Pump. All complete as per standard practice and acceptcd by the Engineer in charge.					
14.	Electrical Cable 1.5 RM	50.0	Rm			

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Part-3: Electrical {All the items include VAT,TAX & Profit)

SL	Description Of Work	Quantity	Unit	Rate in TK.	Amount in TK.	Remarks
15.	Supplying, fixing & fitting 56" ceiling fan with regulator (S@/BRB/Wslton/Equivalent) complete.					
	Ceiling Fan 56" with Regulator	1.00	Nos			

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Part-4: Plumbing (All the items include VAT,TAX & Profit)

SL	Description Of Work	Quantity	Unit	Rate in TK.	Amount in TK.	Remarks

16	Ceramic Long Pan					
	Supplying, fitting and fixing of RAK/Rosa/Sanita/Equivalent Ceramic Long Pan size l8"x22" including footrest, P-trap, low down fflnshing cistern and all necessary connection fitting complete as per drawing.	1.0	Each			
17	Wash Basin & Accessories					
	Supplying, fimng and fizing of Glazed vitreous Wash Basin (Size: approz. 550x450 mm) including heavy type brackets, waate pipe, magic pipe, angtc stop cock and connection accessories complete	1.0	Each			

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Part-5: Roofing & Truss (All the items include VAT,TAX & Profit)

SL	Description Of Work	Quantity	Unit	Rate in TK.	Amount in TK.	Remarks
18.	Wood size (4"/2,5",2"/2",2"/3",2"/1")	18	Cft			School will provide all required wood. Only fixing charge would be applicable

19	Tin Sheet Length= 9',7 &5' (Thickness.0.30mm- 0.35mm) Brand A.KS.,HP,Jalalabad)Preferable Colour Good Neighbors Logo Colour properties of Corrugated Galvanized Iron (G I) sheets, including material type (high-tensile steel), dimensions (width, length, thickness). fencing, providing strength, corrosion resistance, and weather protection	27	Pcs			
20	Ridge Cap (10' long 4pices +9' long 01 pices)	05	Pcs			

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GENERAL NOTES

1. The Contractor shall provide all necessary materials, labour, tools, equipment, transportation, testing and all incidental items required for successful completion of the works.
2. All works shall be carried out in accordance with the approved drawings, specifications and instructions of the Engineer-in-Charge.
3. Any minor materials, fittings or accessories not specifically mentioned in the BOQ but required for the proper completion and functioning of the works shall be deemed to be included in the quoted rates.
4. All construction works shall comply with the applicable Building Codes, Safety Regulations and Engineering Sfandards.
5. The Contractor shall be responsible for maintaining site safety, cleanliness and protection of adjacent properties during the execution of the worhs.
6. The completed works shall be handed over in a fully functional, safe and satisfactory condition.
7. Minor modifications in the scope of work may be made with the approval of the Engineer-in-Charge, if deemed necessary during execution.
8. Where applicable, all Water Supply, Water Tower, Water Purification and Distribution Systems, including associated mechanical, electrical, piping and control components, shall be installed, tested, commissioned and handed over in fully operational condition.
9. Any minor items or accessories not specifically mentioned but required for the proper functioning of Water Supply, Water Purification and Distribution

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Summary of an Adolescent Corner (All the items include VAT,TAX & Profit)

SL	Description Of Works	Amount in Tk	Remarks
1.	Civil Work		
2.	Finishing Work		
3.	Electrical Work of Building		
4.	Plumbing Work of Building		

5.	Roofing & Truss Work of Building-		
6.	Painting Works		
	Total Cost of 01 Nos Adolescent Girls Corner (Taka) =		