

M/S.Popular Engineering & Co.

Tenderer's Quoted Price

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Total Estimated Cost (BDT)	Percentage (-5% to +5%)	Offered Amount (in figures) (BDT)	Offered Amount (in words) (BDT)
499959.000	-5.000	474961.050	Four Lakh Seventy-Four Thousand Nine Hundred And Sixty-One Point Zero Five
	Grand Total:	474961.050	Four Lakh Seventy-Four Thousand Nine Hundred And Sixty-One Point Zero Five

This Tenderer's Quoted Price is Electronically Signed by Mr. Md. Hossain on behalf of M/S.Popular Engineering & Co.

M/S. Popular Engineering & Co.

Priced Bill of Quantities (BOQ)

Unit Rate Basis

Estimate by the Procuring Entity

Item no.	Group	Item Code (if any)	Description of Item	Unit	Quantity	Unit rates or prices (in figures) (BDT)	Unit rates or prices (in words) (BDT)	Amount (in figure) (BDT)	Amount (in words) (BDT)	Select 'YES' to see the Grand Total
1	Civil	15.1.1	Minimum 12 mm thick cement sand (F.M. 1:2) plaster (1:4) with fresh cement to both inner and 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.	sqm	117.704	299.001	Two Hundred And Ninety-Nine Point Zero Zero One	35193.613	Thirty-Five Thousand One Hundred And Ninety-Three Point Six One Three	Yes
2	Civil	16.2.1	Interior standard acrylic emulsion paint (plastic or matt finish) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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	sqm	572.767	258.001	Two Hundred And Fifty-Eight Point Zero Zero One	147774.458	One Lakh Forty-Seven Thousand Seven Hundred And Seventy-Four Point Four Five Eight	Yes

			and necessary scaffolding; applying necessary interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 2 coats of interior 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-incharge.							
3	Civil	16.3.2	Premium synthetic enamel paint of approved best quality and colour delivered from /authorized local agent of the manufacturer in a sealed container, having high water resistance, high bondability, flexibility property; using specified brand thinner applying to metallic or wooden surface by brass/ roller/spray in two coats over single coat anti-corrosive coating including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, all complete in all floors and accepted by the Engineer-in-charge.	sqm	46.840	238.001	Two Hundred And Thirty-Eight Point Zero Zero One	11147.966	Eleven Thousand One Hundred And Forty-Seven Point Nine Six Six	Yes

4	Civil	11.1.2.1	Supplying and making door and window frames (Chowkat) for all floors in/c wall side grove cutting, moulding by CNC machine or any other means with matured seasoned wood of required size including painting two coats of coal tar to the surface in contact with wall, fitting and fixing in position etc. all complete and accepted by the Engineer-in-charge. (All sizes of wood are finished).	cum	0.051	145620.001	One Lakh Forty-Five Thousand Six Hundred And Twenty Point Zero Zero One	7426.620	Seven Thousand Four Hundred And Twenty-Six Point Six Two	Yes
5	Civil	12.1.2.2	"Supplying, fitting and fixing of 38 mm thick well matured seasoned (moisture content should be between 12% to 16%) solid wood single leaf door shutter having stile section 100mm x 38mm, top rail section 125mm x 38mm, lock rail section 100mm x 38mm and bottom rail section 225mm x 38mm (made from minimum 250mm wide plank) with 4nos 100mm long, 3mm thick hinge, 12mm dia 250mm long tower bolt, 12mm dia 200mm long socket bolt, 2nos 150mm long handle, hinged cleats and buffer blocks. All complete in all floors and accepted by the Engineer-in-charge. (All sizes of wood are finished)"	sqm	4.280	8296.001	Eight Thousand Two Hundred And Ninety-Six Point Zero Zero One	35506.884	Thirty-Five Thousand Five Hundred And Six Point Eight Eight Four	Yes
6	Civil	18.2.1.2	Supplying, fitting and fixing 12 mm thick Burma teak (BT) veneered board/ ply board/ particle board in walling with best quality and well seasoned garjan	sqm	3.902	3098.001	Three Thousand And Ninety-Eight Point Zero Zero One	12088.399	Twelve Thousand And Eighty-Eight Point Three Nine Nine	Yes

wood frame of section of 50 mm x 25 mm at 600 mm x 600 mm in grid, including grove where necessary, fitted and fixed to wall by plugs, nails, screws etc. maintaining leveled and finished exposed faces including making holes in wall and mending good the damages, if any during execution of the work, including the provisions of lighting arrangement, also including cost and carriage of all materials, electricity, accessories, labour for installation, scaffolding, screws, nails etc. All complete as per design, approved sample and accepted by the Engineer-in-charge. All sizes of wood are finished. All Garjan wood frames must be protected from termites, cockroach and other insects. Measurement will be taken as per finished surface area. The brick/RCC surface shall be dry and damp-proof. (Rate is excluding cost of polish/ paint etc. of any type). 12 mm thick BT ply board walling

7	Civil	10.20	Supply and installation of 0.47 mm thick zinc alum color coated profile sheet of durability class 2 with minimum warranty period of 10 years of durability, for roof, wall, capping, flashing, trimming, gutter etc. conforming to ASTM A792,	sqm	123.041	322.001	Three Hundred And Twenty-Two Point Zero Zero One	39619.325	Thirty-Nine Thousand Six Hundred And Nineteen Point Three Two Five	Yes
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gm/m², including the cost of necessary accessories (sheeting screws with washers, silicon sealant etc.), testing of materials etc. all complete as per drawing specification and direction of Engineer-in-charge (supplier has to produce papers to proof the source of material).

8	Civil	18.1.1	Supplying, fitting and fixing plain Particle board ceiling (Drop/Plain) (complying unit wt 499 to 550 kg/m ³ , bending strength 0.35 N/mm ² , max swelling 8%, moisture content not more than 10%), of 12 mm thick with best quality and well seasoned Garjan wood frame of section 50 mm x 38 mm at 600 mm x 600 mm in grid suspended from ceiling or roof or beam by 12 SWG double ply G.I. wire fixed to the ceiling by rowel plug, screws, hooks, nails etc, maintaining straight lines and desired finished level at bottom face including vertical strut as required, cutting holes in slabs or beams by electric drill machine and mending good the damages, if any during execution of the work, including the provisions of lighting arrangement, also including cost and carriage of all materials, accessories, labour for installation, electricity charge,	sqm	21.234	2832.001	Two Thousand Eight Hundred And Thirty-Two Point Zero One	60134.709	Sixty Thousand One Hundred And Thirty-Four Point Seven Zero Nine	Yes
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			scaffolding, screws, nails, with best quality and approved colour etc. All complete, as per drawing design and accepted by the Engineer-in-charge. All sizes of wood are finished. All Garjan wood frames must be protected from termites, cockroach and other insects. Measurement will be taken as per finished surface area. The brick/RCC surface shall be dry and damp-proof. (Rate is excluding cost of polish/ paint etc. of any type).							
9	Civil	03.5.2	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) Mass concrete in floor (1:2:4) with brick chips and local sand of F.M. 1.2.	cum	2.106	8840.001	Eight Thousand Eight Hundred And Forty Point Zero Zero One	18617.042	Eighteen Thousand Six Hundred And Seventeen Point Zero Four Two	Yes
10	Civil	15.3	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity,	sqm	53.160	373.001	Three Hundred And Seventy-Three Point Zero Zero One	19828.733	Nineteen Thousand Eight Hundred And Twenty-Eight Point Seven Three Three	Yes

			all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) ground floor.							
11	Civil	06.4.5	Supplying, fitting and fixing foreign made polished pocelain/ mirror polished homogeneous floor tiles complying BDS ISO 13006: 2015, water absorption ≤ 0.5%, modulus of rupture (MOR) ≥ 35 N/mm2, irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1.2) mortar (1:4) base and raking out the joints with white cement including cutting and laying the tiles in proper way and finishing with care etc. all complete and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) In ground floor. Polished pocelain/ mirror polished 800 mm x 800 mm floor tiles	sqm	28.253	1952.001	One Thousand Nine Hundred And Fifty-Two Point Zero Zero One	55149.884	Fifty-Five Thousand One Hundred And Forty-Nine Point Eight Eight Four	Yes
12	Civil	26.01.7	"Supplying, fitting and fixing of European type country made best quality glazed porcelain combi closet (two piece), including plastic seat cover with soft closing ,cistern system, water consumption 6 litre, siphon wash down/ siphon jet single or dual flushinging system which reduce water consumption, hygienic glaze in toilet bowl ,glaze in inner waste line, round bowl, outlet range 280~305 mm. The sanitary ware shall conform BDS1162:2014. The glaze shall be	each	1.000	22075.001	Twenty-Two Thousand And Seventy-Five Point Zero Zero One	22075.001	Twenty-Two Thousand And Seventy-Five Point Zero Zero One	Yes

thoroughly fused to body. b) the number of Bangladesh standard and c) country of origin. Each product shall also be marked with the BSTI Certification Mark. The fixture should be placed in position preparing the base with cement concrete and with wire mesh or rods if necessary, in all floors including making holes wherever required and mending good the damages and fitting, fixing, finishing, complete with all necessary fittings and connection approved and accepted by the Engineer- in-charge. Approx. 702~ 750x 380~412 mm size, minimum 40.0 kg of weight, Equivalent to COTTO: C118 / RAK: Shino or similar brand"

Supplying, fitting and fixing of 40mm thick Wood Plastic Composite (WPC) door shutter (minimum inner wall thickness 6mm and hinge side wall thickness 15mm) having door frame section 150mm x 62mm weighing 16.7kg/sqm with 4nos 100mm long, 3mm thick hinge, 1 no round lock, 2nos 150mm long handle, hinged cleats and carrying the same to the site and local carriage etc. All complete in all floors and accepted by the Engineer-in-charge.

13

Civil

12.8.1

each

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17698.001

Seventeen
Thousand
Six
Hundred
And
Ninety-
Eight Point
Zero Zero
One

35396.002

Thirty-Five
Thousand
Three
Hundred
And
Ninety-Six
Point Zero
Zero Two

Yes

Grand
Total:

499958.636

Four Lakh
Ninety-

Nine
Hundred
And Fifty-
Eight Point
Six Three
Six

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md. Hossain on behalf of M/S.Popular Engineering & Co.

DHAKA WATER SUPPLY & SEWERAGE AUTHORITY

Office of the Executive Engineer
Civil Maintenance Division
Dhaka WASA, Dhaka
6th floor, WASA Bhaban
98 Kazi Nazrul Islam avnue, Dhaka.

Name of the Work: Repair and maintenance tin with false ceiling and related repairing works at Mirpur section-1 tin-shed and Gondhoraj duaripara WASA staff quarter.

Item No.	Group	PWD 2022	Description of Items of Works	Unit	Quantity	Unit rates or prices	Amount
1	Civil	15.1.1	Minimum 12 mm thick cement sand (F.M. 1:2) plaster (1:4) with fresh cement to both inner-and 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.	sqm	117.704	299.001	35,193.614
2	Civil	16.2.1	Interior standard acrylic emulsion paint (plastic or matt finish) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 2 coats of interior 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-incharge.	sqm	572.767	258.001	147,774.459
3	Civil	16.3.2	Premium synthetic enamel paint of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container, having high water resistance, high bondibility, flexibility property; using specified brand thinner applying to metallic or wooden surface by brass/roller/spray in two coats over single coat anti-corrosive coating including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, all complete in all floors and accepted by the Engineer-in-charge.	sqm	46.840	238.001	11,147.967
4	Civil	11.1.2.1	Supplying and making door and window frames (Chowkat) for all floors in/c wall side grove cutting, moulding by CNC machine or any other means with matured seasoned wood of required size including painting two coats of coal tar to the surface in contact with wall, fitting and fixing in position etc. all complete and accepted by the Engineer-in-charge. (All sizes of wood are finished).	cmu	0.051	145620.001	7,426.620

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5	Civil	12.1.2.2	Supplying, fitting and fixing of 38 mm thick well matured seasoned (moisture content should be between 12% to 16%) solid wood single leaf door shutter having stile section 100mm x 38mm, top rail section 125mm x 38mm, lock rail section 100mm x 38mm and bottom rail section 225mm x 38mm (made from minimum 250mm wide plank) with 4nos 100mm long, 3mm thick hinge, 12mm dia 250mm long tower bolt, 12mm dia 200mm long socket bolt, 2nos 150mm long handle, hinged cleats and buffer blocks. All complete in all floors and accepted by the Engineer-in-charge	sqm	4.280	8296.001	35,506.884
6	Civil	18.2.1.2	Supplying, fitting and fixing 12 mm thick burma teak (BT) veneered board/ ply board/ particle board in walling with best quality and well seasoned garjan wood frame of section of 50 mm x 25 mm at 600 mm x 600 mm in grid, including grove where necessary, fitted and fixed to wall by plugs, nails, screws etc. maintaining leveled and finished exposed faces including. making holes in wall and mending good the damages, if any during execution of the work, including the provisions of lighting arrangement, also including cost and carriage of all materials, electricity, accessories, labour for installation, scaffolding, screws, nails etc. All complete as per design, approved sample and accepted by the Engineer-in-charge. All sizes of wood are finished. All Garjan wood frames must be protected from termites, cockroach and other insects. Measurement will be taken as per finished surface area. The brick/ RCC surface shall be dry and damp-proof. (Rate is excluding cost of polish/ paint etc. of any type). 12 mm thick BT ply board walling	sqm	3.902	3098.001	12,088.400
7	Civil	10.20	Supply and installation of 0.47 mm thick zinc alum color coated profile sheet of durability class 2 with minimum warranty period of 10 years of durability, for roof, wall, capping, flashing, trimming, gutter etc. conforming to ASTM A792, Grade: 80, AZ150 gm/m ² , including the cost of necessary accessories (sheeting screws with washers, silicon sealant etc.), testing of materials etc. all complete as per drawing specification and direction of Engineer-in-charge (supplier has to produce papers to proof the source of material).	sqm	123.041	322.001	39,619.325
8	Civil	18.1.1	Supplying, fitting and fixing plain Particle board ceiling (Drop/Plain) (complying unit wt 499 to 550 kg/m ³ , bending strength 0.35 N/mm ² , max swelling 8%, moisture content not more than 10%), of 12 mm thick with best quality and well seasoned Garjan wood frame of section 50 mm x 38 mm at 600 mm x 600 mm in grid suspended from ceiling or roof or beam by 12 SWG double ply G.I. wire fixed to the ceiling by rowel plug, screws, hooks, nails etc, maintaining straight lines and desired finished level at bottom face including vertical strut as required, cutting holes in slabs or beams by electric drill machine and mending good the damages, if any during execution of the work, including the provisions of lighting arrangement, also including cost and carriage of all materials, accessories, labour for installation, electricity charge, scaffolding, screws, nails, with best quality and approved colour etc. All complete, as per drawing design and accepted by the Engineer-in-charge. All sizes of wood are finished. All Garjan wood frames must be protected from termites, cockroach and other insects. Measurement will be taken as per finished surface area. The brick/ RCC surface shall be dry and damp-proof. (Rate is excluding cost of polish/ paint etc. of any type).	sqm	21.234	2832.001	60,134.709

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9	Civil	03.5.2	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) Mass concrete in floor (1:2:4) with brick chips and local sand of F.M. 1.2.	cum	2.106	8,840.001	18,617.042
10	Civil	15.3	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm 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.	sqm	53.160	373.001	19,828.733
11	Civil	06.4.5	Supplying, fitting and fixing foreign made polished pocelain/ mirror polished homogeneous floor tiles complying BDS ISO 13006: 2015, water absorption $\leq 0.5\%$, modulus of rupture (MOR) ≥ 35 N/mm², irrespective of color &/or design , with 20 mm thick cement sand (F.M. 1.2) mortar (1:4) base and raking out the joints with white cement including cutting and laying the tiles in proper way and finishing with care etc. all complete and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) In ground floor. Polished pocelain/ mirror polished 800 mm x 800 mm floor tiles	sqm	28.253	1952.001	55,149.884
12		26.01.7	Supplying, fitting and fixing of European type country made best quality glazed porcelain combi closet (two piece) , including plastic seat cover with soft closing ,cistern system, water consumption 6 litre, siphon wash down/siphon jet single or dual flushing system which reduce water consumption, hygienic glaze in toilet bowl ,glaze in inner waste line, round bowl, outlet range 280~305 mm. The sanitary ware shall conform BDS1162:2014. The glaze shall be thoroughly fused to body. b) the number of Bangladesh standard and c) country of origin. Each product shall also be marked with the BSTI Certification Mark. The fixure should be placed in position preparing the base with cement concrete and with wire mesh or rods if necessary, in all floors including making holes wherever required and mending good the damages and fitting, fixing, finishing, complete with all necessary fittings and connection approved and accepted by the Engineer- in- charge. Approx. 702~ 750x 380~412 mm size, minimum 40.0 kg of weight, Equivalent to COTTO: C118 / RAK: Shino or similar brand	each	1.00	22075.001	22,075.001
13		12.8.1	Supplying, fitting and fixing of 40mm thick Wood Plastic Composite (WPC) door shutter (minimum inner wall thickness 6mm and hinge side wall thickness 15mm) having door frame section 150mm x 62mm weighing 16.7kg/sqm with 4nos 100mm long, 3mm thick hinge, 1 no round lock, 2nos 150mm long handle, hinged cleats and carrying the same to the site and local carriage etc. All complete in all floors and accepted by the Engineer-in-charge.	each	2.000	17698.001	35,396.002
						Total:	499,958.640
						Say	499,959

In word: (Four lac ninty nine thousand nine hundred fifty nine) taka only

Signature
৩০/১০/২০

রাজিয়া সুলতানা
উপ-সহকারী প্রকৌশলী
সি এম বিভাগ
ঢাকা ওয়াসা।

Signature
৩০/১০/২০

মুজা সাহা
নির্বাহী প্রকৌশলী
সিএম বিভাগ