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Tender/Proposal Detail

Tender/Proposal ID :	1210095	Invitation Reference No. :	46.113.441.00.00.54/SOC.eIFT-27
Closing Date and Time :	03-Feb-2026 12:00	Opening Date and Time :	03-Feb-2026 12:00
Procuring Entity :	Office of the EE, System Operation & Control Division (SOC), Dhaka WASA		
Brief :	Construction of 4 nos Chlorine room at Different Water Pump station under MODS Zone - 1 & 7.		
Tender/Proposal Status :	Contract Awarded		

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Package No	Package Description
SOC/2025-26/WCR-4	Construction of 4 nos Chlorine room at Different Water Pump station under MODS Zone - 1 & 7.

A Alam Enterprise

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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	24.048	168.001	One Hundred And Sixty-Eight Point Zero Zero One	4040.088	Four Thousand And Forty Point Zero Eight Eight	Yes
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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.	cum	10.114	1296.001	One Thousand Two Hundred And Ninety-Six Point Zero Zero One	13107.754	Thirteen Thousand One Hundred And Seven Point Seven Five Four	Yes
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	95.777	47.001	Forty-Seven Point Zero Zero One	4501.614	Four Thousand Five Hundred And One Point Six One Four	Yes
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	27.711	597.001	Five Hundred And Ninety-Seven Point Zero Zero One	16543.494	Sixteen Thousand Five Hundred And Forty-Three Point Four Nine Four	Yes
5	Civil	--	"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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	4.878	10504.001	Ten Thousand Five Hundred And Four Point Zero Zero One	51238.516	Fifty-One Thousand Two Hundred And Thirty-Eight Point Five One Six	Yes

									One One Two	
19	Electrical	--	GANG SWITCH: Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) II electrical contacts shall be of brass / copper	each	4.000	1458.001	One Thousand Four Hundred And Fifty-Eight Point Zero Zero One	5832.004	Five Thousand Eight Hundred And Thirty-Two Point Zero Zero Four	Yes
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) II electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2 pin socket combined"	each	4.000	1323.001	One Thousand Three Hundred And Twenty-Three Point Zero Zero One	5292.004	Five Thousand Two Hundred And Ninety-Two Point Zero Zero Four	Yes
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shunt release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	4.000	4030.001	Four Thousand And Thirty Point Zero One	16120.004	Sixteen Thousand One Hundred And Twenty Point Zero Four	Yes
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return dampers with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification, drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cfm. ESP 30 Pa"	each	4.000	7362.001	Seven Thousand Three Hundred And Sixty-Two Point Zero One	29448.004	Twenty-Nine Thousand Four Hundred And Forty-Eight Point Zero Four	Yes
23	Electrical	--	PENDENT LED LIGHT FITTINGS: Supply & fitting of pendant LED light fittings of following Specifications: Luminous efficiency: i) For Spot Bracket LED Light Fittings: 80 lm/W (min). ii) For Panel/Tube Light Fittings: 100 lm/W (min) Power Factor: minimum 0.95 Colour Rendering Index (Ra) : i) For Residential building $R_r > 80$ ii) For office and other type of building $70 < R_r < 85$	each	8.000	2233.001	Two Thousand Two Hundred And Thirty-Three Point Zero One	17864.008	Seventeen Thousand Eight Hundred And Sixty-Four Point Zero Eight	Yes
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	4.000	22000.001	Twenty-Two Thousand Point Zero One	88000.004	Eighty-Eight Thousand Point Zero Four	Yes
25	Civil	--	Dismantling of existing structure as per requirement of the work including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	4.000	22000.001	Twenty-Two Thousand Point Zero One	88000.004	Eighty-Eight Thousand Point Zero Four	Yes
							Grand Total:	999236.168	Nine Lakh Ninety-Nine Thousand Two Hundred And Thirty-Six Point One Six Eight	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Shah Alamgir on behalf of PLACID BUSINESS LINE

POLLIMA BANGLADESH										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	24.048	168.001	One Hundred And Sixty-	4040.088	Four Thousand And Forty	Yes

							Eight Point Zero Zero One		Point Zero Eight Eight	
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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.	cum	10.114	1296.001	One Thousand Two Hundred And Ninety- Six Point Zero Zero One	13107.754	Thirteen Thousand One Hundred And Seven Point Seven Five Four	Yes
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	95.777	47.001	Forty- Seven Point Zero Zero One	4501.614	Four Thousand Five Hundred And One Point Six One Four	Yes
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	27.711	597.001	Five Hundred And Ninety- Seven Point Zero Zero One	16543.494	Sixteen Thousand Five Hundred And Forty- Three Point Four Nine Four	Yes
5	Civil	--	"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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	4.878	10504.001	Ten Thousand Five Hundred And Four Point Zero Zero One	51238.516	Fifty-One Thousand Two Hundred And Thirty- Eight Point Five One Six	Yes
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and soaking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	10.225	10097.001	Ten Thousand And Ninety- Seven Point Zero Zero One	103241.835	One Lakh Three Thousand Two Hundred And Forty- One Point Eight Three Five	Yes
7	Civil	--	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	54.593	1408.001	One Thousand Four Hundred And Eight Point Zero Zero One	76866.998	Seventy-Six Thousand Eight Hundred And Sixty- Six Point Nine Nine Eight	Yes
8	Civil	--	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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor	cum	3.696	14748.001	Fourteen Thousand Seven Hundred And Forty- Eight Point Zero Zero One	54508.611	Fifty-Four Thousand Five Hundred And Eight Point Six One One	Yes
9	Civil	--	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 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 : Floor and roof slab up to ground floor	sqm	19.060	597.001	Five Hundred And Ninety- Seven Point Zero Zero One	11378.839	Eleven Thousand Three Hundred And Seventy- Eight Point Eight Three Nine	Yes

10	Civil	--	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.	sqm	151.047	395.001	Three Hundred And Ninety-Five Point Zero Zero One	59663.716	Fifty-Nine Thousand Six Hundred And Sixty-Three Point Seven One Six	Yes
11	Civil	--	38 mm thick artificial patent stone (1:2:4) flooring with cement, best quality coarse sand (50% quantity of Sylhet sand or coarse sand of equivalent F.M. 2.2 and 50% best quality local sand of FM 1.2) and 12 mm down well graded brick chips including breaking chips, screening, laying the concrete in alternate panels, compacting and finishing the top with neat cement and 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	20.930	667.001	Six Hundred And Sixty-Seven Point Zero Zero One	13960.330	Thirteen Thousand Nine Hundred And Sixty Point Three Three	Yes
12	Civil	--	Grade 400 (RB 400 / 400W: complying BDS ISO 6935-2:2006) ribbed or deformed bar produced and marked according to Bangladesh Standard, with minimum yield strength, fy (ReH)= 400 Mpa but fy not exceeding 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 / ACI 318-11 sec 21.1.5.2, the ratio ultimate tensile strength fu to yield strength fy, shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 16% and 8% respectively : up to ground floor	kg	520.064	121.001	One Hundred And Twenty-One Point Zero Zero One	62928.264	Sixty-Two Thousand Nine Hundred And Twenty-Eight Point Two Six Four	Yes
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm with neat cement finishing including washing of sand, finishing the edges and corners 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.	sqm	27.881	395.001	Three Hundred And Ninety-Five Point Zero Zero One	11013.022	Eleven Thousand And Thirteen Point Zero Two Two	Yes
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) 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. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	117.302	314.001	Three Hundred And Fourteen Point Zero Zero One	36832.945	Thirty-Six Thousand Eight Hundred And Thirty-Two Point Nine Four Five	Yes
15	Civil	--	"Supplying, fitting, fixing, and installation of ordinary type M.S. security gate of any design and shape with 50 mm x 50 mm x 6 mm M.S. angle outer frame and 02 (two) 50 mm x 50 mm x 6 mm angle placed diagonally having 22 mm dia M.S. rod placed vertically @ 115 mm c/c. and also 38 mm x 6 mm F.I bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking arrangements on 3 mm thick M.S. plate providing heavy type clamps fitted and fixed with the outer frame of the main gate, the clamp being embedded in R.C.C. or R.C. core pillar with cement concrete (1:2:4) in masonry including cutting holes and mending good the damages, finishing, curing etc. including fabrication, riveting, welding as and where necessary, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge. "	sqm	6.698	8352.001	Eight Thousand Three Hundred And Fifty-Two Point Zero Zero One	55941.702	Fifty-Five Thousand Nine Hundred And Forty-One Point Seven Zero Two	Yes
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc. (without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction	each	8.000	1372.001	One Thousand Three Hundred And Seventy-Two Point Zero Zero One	10976.008	Ten Thousand Nine Hundred And Seventy-Six Point Zero Zero Eight	Yes

			& approval of the Engineer In Charge. Light / exhaust or wall bracket fan port							
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- 1. The work shall be carried out as per direction & approval of the Engineer In Charge. 1 C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	288.000	208.001	Two Hundred And Eight Point Zero Zero One	59904.288	Fifty-Nine Thousand Nine Hundred And Four Point Two Eight Eight	Yes
18	Electrical	--	"1C-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the PVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	112.000	911.001	Nine Hundred And Eleven Point Zero Zero One	102032.112	One Lakh Two Thousand And Thirty-Two Point One One Two	Yes
19	Electrical	--	GANG SWITCH: Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size 1g SWG galvanized plain sheet / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,.) II electrical contacts shall be of brass / copper	each	4.000	1458.001	One Thousand Four Hundred And Fifty-Eight Point Zero Zero One	5832.004	Five Thousand Eight Hundred And Thirty-Two Point Zero Zero Four	Yes
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size 1g SWG galvanized plain sheet / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,.) II electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2 pin socket combined"	each	4.000	1323.001	One Thousand Three Hundred And Twenty-Three Point Zero Zero One	5292.004	Five Thousand Two Hundred And Ninety-Two Point Zero Zero Four	Yes
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shunt circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	4.000	4030.001	Four Thousand And Thirty Point Zero Zero One	16120.004	Sixteen Thousand One Hundred And Twenty Point Zero Zero Four	Yes
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification, drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	4.000	7362.001	Seven Thousand Three Hundred And Sixty-Two Point Zero Zero One	29448.004	Twenty-Nine Thousand Four Hundred And Forty-Eight Point Zero Zero Four	Yes
23	Electrical	--	PENDENT LED LIGHT FITTINGS: Supply & fitting of pendant LED light fittings of following Specifications: Luminous efficiency: i) For Spot Bracket LED Light Fittings: 80 lm/W (min). ii) For Panel/Tube Light Fittings: 100 lm/W (min) Power Factor: minimum 0.95 Colour Rendering Index (Ra) : i) For Residential building $R_r > 80$ ii) For office and other type of building $70 < R_r < 85$	each	8.000	2233.001	Two Thousand Two Hundred And Thirty-Three Point Zero Zero One	17864.008	Seventeen Thousand Eight Hundred And Sixty-Four Point Zero Zero Eight	Yes
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	4.000	22000.001	Twenty-Two Thousand Point Zero Zero One	88000.004	Eighty-Eight Thousand Point Zero Zero Four	Yes
25	Civil	--	Dismantling of existing structure as per requirement of the work including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	4.000	22000.001	Twenty-Two Thousand Point Zero Zero One	88000.004	Eighty-Eight Thousand Point Zero Zero Four	Yes
							Grand Total:	999236.168	Nine Lakh Ninety-Nine Thousand Two Hundred And Thirty-Six Point One Six Eight	