

**Kumudini Welfare Trust of Bengal (BD) Ltd.- SEIP Project**

**86, Sirajuddowla Road**

**Narayanganj-1400, Bangladesh**

## **Shopping for Works**

**Package No. KWT-SEIP- 8 Package Name: Procurement of Civil, Electrical, Plumbing and Cabling (IT and Electrical)**

**For**

**KWT-SEIP**

**SHOPPING FOR WORKS**

**REQUEST FOR QUOTATION (RFQ)**

Project Title: Kumudini Welfare Trust of Bengal (BD) Ltd.- SEIP

Source of Funding: ADB

Contract Ref: Contract on Grants for Training (Tranche-2)

Date: 29 November 2021

To: Prospective Contractor

Sir/Madam:

1. Kumudini Welfare Trust of Bengal (BD) Ltd. - SEIP Project (Purchaser) hereby requests you to submit price quotation(s) for the following works:

1. Dismantling works
2. Civil works
3. Floor finish works
4. Renovation works
5. Sanitary and plumbing works
6. Electrical works
7. Cabling works (IT and Electrical)

If you, however, have been associated with the firm that prepared the design, and specifications of the contract that is subject of this procurement, you shall be disqualified.

To assist you in the preparation of your price quotation we enclose the necessary technical specifications, bill of quantities, and form for submitting the quotation and the draft contract form are enclosed in **Annexure**. You must quote for all the items under this request. Price quotations will be evaluated for all the items together and contract awarded to the firm offering the lowest evaluated total cost of all the items.

2. You shall submit one original of the Price Quotation with the Form of Quotation, and clearly marked "Original". In addition, you shall also submit one copy marked as "COPY".
3. Your quotation in the attached format should be signed, sealed in an envelope and addressed to and delivered at the following address:

**Purchaser's Address:**

Dr. ABM Ali Hassan  
Main Focal Point  
Kumudini Welfare Trust of Bengal (BD) Ltd-SEIP Project  
74 Gulshan Avenue, Dhaka, Bangladesh.  
Telephone: (+88-02)58817100  
Mobile: (+880) 1707008181  
Fax: (+88-02) 7635024  
Email: kwt-seip@kumudini.org.bd

4. You must have experience as a prime contractor in the construction of at least one work of the nature and complexity equivalent to the works included in this requested for quotation with the minimum value of BDT

80.00 Lakh within last three years, years will be counted back from the date of RFQ. In support of experience, Bidder shall submit Satisfactory Performance Certificate(s) from the end user's letter head pad. The certificate shall contain end-user's full mailing address, e-mail address, website address, fax number and phone number for the convenience of authentication. In case of the work done under PWD, the certifying and authenticating authority shall be the concerned Executive Engineer, under whom the work has been executed. In case of the work done under any Govt./ Semi Govt./Autonomous bodies/ Organization other than PWD the certifying authority shall be an officer not below the rank of Executive Engineer.

You have to provide evidence of availability of financial resources to successfully complete the works in the amount of BDT 80 lakh in the form of a credit line.

Otherwise, you will not be considered further.

5. You shall submit only one quotation. Your quotation must be typed or written in indelible ink and shall be signed by you or your authorized representative. Without a signature in your Form of Quotation, your quotation will not be considered further. Your proposal should comprise the following things

- (a) the signed Form of Quotation.
- (b) the priced Bill of Quantities;
- (c) Written confirmation authorizing the signatory of the Quotation including National ID to submit the quotation;
- (d) Copy of Valid Trade license;
- (e) Documentary evidence of Tax Identification Number (TIN) and Value Added Tax (VAT) as a proof of taxation obligations;
- (f) Technical Proposal describing work plan & method, personnel, equipment and schedules;
- (g) documentary evidence as stated under Clause 4 establishing the minimum qualifications of the Bidder required to be met for due performance of the Works and physical services under the Contract;

6. In evaluating the quotations, the Employer will adjust for any arithmetical errors as follows:

- (a) where there is a discrepancy between amounts in figures and in words, the amount in words will govern;
- (b) where is a discrepancy between the total price in the Bill of Quantities or the quoted amount indicated in the Form of Quotation, the total price in the Bill of Quantities shall govern;
- (c) where is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern; and
- (d) if you refuse to accept the correction, your quotation will be rejected.

8. Your quotation shall be valid for a period of thirty (30) days from \*\* 09 December 2021.

9. Your quotation in duplicate and written in English language shall be for the whole works and based on the unit and total price indicated in the filled-in "Bill of Quantities". Currency of quoted prices and payment shall be Bangladesh Taka. The quotation shall include all duties, local taxes and other levies payable by the contractor in accordance with the local laws. In case of any discrepancy between the original and duplicate, the original shall prevail.

10. The Employer will award the contract to the Contractor whose quotation has been determined to be substantially responsive to this Request for Quotation and who has offered the lowest evaluated price quotation. A quotation is not substantially responsive if it contains material deviations or reservations

to the terms, conditions, and specifications in this Request for Quotation, and it will not be considered further. The Employer will evaluate and compare only the quotations determined to be substantially responsive.

11. If you withdraw your quotation during the validity period and/or refuse to accept the award of a contract when and if awarded, then you will be excluded from the list of contractors for the project for two years.
12. The contract will be governed by the terms and conditions of the attached Form of Contract.
13. Your quotation including Form of Quotation and filled-in Section 2 "Bill of Quantities" should be submitted by \*\* 09 December 2021 at 3.00 PM.
14. The bidder whose quotation has been accepted will be notified of the award of contract through the Letter of Acceptance issued by the Employer within 30 days from the date of submission of quotation.
15. The Employer intends to apply funds from the Asian Development Bank (ADB) for eligible payments under the Contract resulting from this RFQ.
16. Under ADB's Anticorruption Policy bidders shall observe the highest standard of ethics during the procurement and execution of such contracts. ADB will reject a proposal for award, and will impose sanctions on parties involved, if it determines that the bidder recommended for award or any other party, has engaged in corrupt, fraudulent, collusive, or coercive practices in competing for, or in executing, the Contract. At the time of submission of your quotation, you should not be in ADB's sanctions list.
17. Please Confirm by fax/e-mail the receipt of this request and whether or not you will submit the price quotation(s).

Sincerely,

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(Purchaser)  
Dr. ABM Ali Hasan  
Focal Point  
KWT-SEIP Project

18. Further information can be obtained from:

Emon Barua  
Deputy Focal Point  
Kumudini Welfare Trust of Bengal (BD) Ltd-SEIP Project  
74 Gulshan Avenue, Dhaka, Bangladesh.  
Telephone: (+88-02)58817100  
Mobile: (+880) 1707008181  
Fax: (88-02) 7635024  
E-mail: [ebarua@kumudini.org.bd](mailto:ebarua@kumudini.org.bd)

## SECTION 1 - SPECIFICATIONS

For all items: **Measurement:** The measurement shall be on unit wise as noted in the BOQ for completed and acceptable work up to the satisfaction of the Engineer. **Basis of payment:** Payment shall be given as per unit contract price as mentioned in the BOQ. The payment will be constituted full compensation for labor, materials, equipment etc. and including charges necessary to complete the work:

**Work at Mirzapur, Tangail**

SL No	Description of work
<b>A. Dismantling, Removal of dismantled materials, civil works:</b>	
1	Dismantling of Existing 125mm and 250mm brick work, plaster by suitable hammer and chisel and cut with 6 inch dia electric Disc cutter. Dismantled materials move a safe distance by the contractor as per instruction of engineer.
2	Dismantling Existing of R.C.C, lintel, fales, slab, etc by suitable hammer and chisel and cut with 6 inch dia Electric Disc cutter. Dismantled materials move a safe distance by the contractor as per instruction of engineer.
3	Taking out electric cable line and other piping manually Dismantled materials move a safe distance by the contractor as per instruction of engineer.
4	Supplying, fitting and fixing plastic board ceiling of 9mm thick board. framing by powder coated T-bar, 1x1 Angle in 600mmx600mm grid from ceiling by 12 SWG double ply wire, fixed to the ceiling by rowel plug, screws, hooks, nails etc., maintaining straight lines and desired finished level at bottom face including vertical wooden strut as required, making holes in slabs or beams by electric drill machine and mending good the damages, if any during execution of the work, also including cost of all materials, electricity, accessories, scaffoldings, labour for installation, screws, nails, etc. all complete as per drawing, design and accepted by the Engineer-in-charge.
5	125mm Brick works with first class bricks with cement sand (F.M. 12) mortar (1:4) and making bond with connected walls including necessary scaffolding, raking out joints, cleaning and socking the bricks for at least 24 hours before use and washing of sand, curing at least for 7 days in all Levels including cost of water, electricity and other charges etc. all complete and accepted by the Authority (Cement: CEM-II/A-M).
6	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:2:4 having minimum $f_{cr} = 24$ MPa, satisfying a specified compressive strength $f_c = 19$ MPa at 28 days on standard cylinders as per standard practice od code ACI/BNBC/ASTM, cement conforming to BDS EN-197-1-CEM-I, 52.5N (25.5 MPa) / ASTM-C 150 Type-I best quality sand [50% quantity of best local sand (F.M. 1.2) and 50% quantity of sylhet sand or coarse sane of equivalent F.M. 2.2] and 20mm down well graded picked jhama brick chips conforming to ASTM C-33 including breaking chips and screening, making and placing shutter in position maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing in standard mixer machine with hopper fed by standard measuring boxes or mixing in batching plant, 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, laboratory testing charges of materials and concrete cylinders as required, cost of all materials and other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding 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 step etc. up to 1st floor  (Scan, Seven ring special, Shah special cement).

7	<p>Providing minimum 12mm 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/A-M) 1st floor</p>
	<p>(Scan, Seven ring special, Shah special cement).</p>
8	<p>Interior standard acrylic emulsion paint (plastic or matt finish) of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger robbialac plastic emulsion/Asian apcolite plastic emulsion or equivalent brand) 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 1 coat of interior sealer of specified brand on prepared surface; then applying 1 coat of 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 by spreading with brush/ roller/spray machine &amp; 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.</p>
9	<p>Supply fitting and fixing 6" solid plastic door frame with solid plastic door shutter (N. poly)</p>
10	<p>Centering and shuttering, including strutting, propping etc. and removal of form after hardening of the concrete for:</p>
11	<p>Supplying, fitting and fixing country made mirror polished homogeneous floor tiles complying BDS IOS 13006:2015, water absorbtion <math>\leq 0.5\%</math>, modulus of rupture (MOR) <math>\geq 27 \text{ N/mm}^2</math>, irrespective of color %/or desing, with 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/A-M) in 1st floor Size 600mm×600mm</p>
12	<p>Supplying, fitting and fixing country made glazed wall tiles complying BDS ISO 13006:2015, irrespective of color &amp;/or desing, with 20mm thick cement sand (F.M. 1.2) mortar (1:3) base and raking out the joints with white cement including cutting, laying and hire charge of machine and finishing with care etc. including cost of water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: VEM-II/A-M). In 1st floor</p>
	<p>Wall tiles more than 250mm×400mm &amp; less than or equal to 300mm×600mm in sizes.</p>
13	<p>Supplying, fitting and fixing country made homogeneous floor tiles complying BDS IOS 13006:2015, water absorbtion <math>\leq 0.5\%</math>, modulus of rupture (MOR) <math>\geq 27 \text{ N/mm}^2</math>, irrespective of color %/or desing, with 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/A-M) in 1st floor Size 300mm×300mm</p>
14	<p>Grade 400 (RB 400 / RB 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 450 MPa and whatever is the yield strength within allowable limit as per BNBC/ ACI 318, the ratio of 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 1st floor. ( BSRM, KSRM)</p>

15	Supplying, fitting and fixing of aluminium sliding composite window, partition respect as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having 1.2mm thick outer bottom ( size 95.00mm, 38mm, 0.870kg/m) 1.2mm thick outer top (size 95.00mm, 28.50mm,097kg/m), 1.2mm thick shutter top (size 33mm, 26.80mm, 22mm, 0536kg/m), 1.2mm thick shutter bottom (size 60mm, 24.40mm, 0.736 kg/m), 1.2mm thick outer side (size 95.00mm, 1950mm, 0738 kg/m), 1.2mm thick shutter lock (size 49.20mm, 26.2mm, 0.661 kg/m), 1.2mm thick shutter lock (size 34.40mm, 32.10mm, 0.665 kg/m), 1.2mm thick mesh section (size 425.20mm, 13.20mm 0.460 kg//m), all aluminium members (total weight 12.79 kg) will be anodized to aluminium silver colour with a coat not less than 15 micrones in thickness or powder coated to any colour with a coat not less than 25 micrones in thickness and density of 4 mg per square cm etc. including all accessories like sliding door key lock, sliding door wheel, sliding door mohair, sliding door neoprene, bolts and nuts including sealants, with 5mm frosted glass and spandrel, keeping provision for fitting fiber mesh including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity complete in all respect as per drawing and accepted by the Engineer-in-charge.
16	Standard synthetic enamel paint of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger jhilik synthetic enamel/Elite quick drying/Asian decora synthetic enamel or equivalent brand) in a sealed container, having high water resistance, high bondibility, flexibility property; using specified brand thinner applying to metallic or wooden surface by drass/ roller/spray machine in 2 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.
<b>B. Sanitary and plumbing works:</b>	
1	670mm x 365mm x 755mm, 31 kg Special colored (Ivory/ Alpine White / grey/ pink / blue.
2	Light colored / Ivory / Alpine White / Grey/ Pink/ Blow
3	Supplying fitting and fixing of Bangladesh pattern long pan, made of vitreous light color 525mm×295mm size, 5.7kg of weight and preparing the best of pan with cement concrete and with mesh or rods if necessary in all floor including making holes wherever required and mending good the damages and fitting, fixing, finishing etc. complete with all necessary fittings and connections approved and accepted by the Engineer-in-charge.
4	Supplying , fitting and fixing plastic low –down including all fitting and accessories
5	UPVC soil pipe of 100mm dia and wall thickness 2.7mm-3.4mm
6	UPVC soil pipe of 150mm dia and wall thickness 4.5mm-6.6mm
7	UPVC soil pipe of 50mm dia and wall thickness 2.6mm
8	25mm dia GI union
9	25mm brass gate valve
10	12mm CP special heavy duty pillar cock
11	Special cancelled heavy angle stop cock
12	Toilet shower
13	Supplying fixing and fitting of 12mm dia 600mm long plastic flexible lead connection pipe.
14	stainless steel soap tray
15	Twin Bib Cock
16	Bib Cock
17	UPVC E/ commode (P). Trap
18	4"UPVC (P) Tee
19	4" UPVC off side



20	4" UPVC (P)Bend
21	4" UPVC Door Bend
22	4" UPVC Door Tee
23	4" PVC Net
24	25mm dia wall thickness 2.2mm- 3.4mm Threat pipe
25	1"× ½" GI Tee
26	2" UPVC Tee
27	2" UPVC Elbow
28	2" PVC Net
29	Mirror
30	Towel ring
31	3/4×1/2 R. socket
32	3/4 Threat pipe
33	¾ GI Elbow
34	1" GI Elbow
35	1" GI Tee
36	1" Socket
37	1 1/2 Magic pipe
38	6" UPVC bend
39	6×4 UPVC Cross Tee
40	Paper Holder
41	½ CPVC
<b>C. Electric works with cabling:</b>	
1	Main Power Cable ( Service Power Cable)
	1C-4×50 sq.mm (NYY) With 25 sq.mm (BYA) Ecc wire through GI pipe of minimum inner dia 65mm.
2	Main Power Cable ( Service Power Cable)
	1C-4×75 sq.mm (NYY) With 25 sq.mm (BYA) Ecc wire through GI pipe of minimum inner dia 65mm.
3	Sub Main Power cable (MDB to SDB)
	1C-4×25 sq.mm (NYY) with 16 sq. mm (BYA) Ecc wire through GI pipe of minimum inner dia 50 mm
4	Providing & fixing 415V+10% 50 Hz Three Phase Electronics Digital Eneargy miter (KWH meter) Steel body with glass cover on Prepared (Bmco/Citizen/ Hosaf/Jamuna/ Prime or equivalent foreign made as per approved by PDB/DPDC or Semilar origination (10-100Amps) Single Tariff.
5	Depth & Bottom of main electrode at (102.5 ft per set) form GI & 8 diameter copper electrode 100 ft
6	Constriction of Earthling inspection Pit inside Each mazement 600mm×600mm with 250 mm thick brick in cement materials with 100 mm thick RCC top slab necessary earth work site filling and one brick flat soling.
7	Cables manufactured by BRB/BBS/ Paradise/Bzile/Poly for both (NYY & 2XY cable) or equivalent approved by the engineering In-charge.
	1C-4×4 sq.mm (NYY/2XY) with 4 Sq. mm Ecc wire though PVC pipe of minimum inner dia 30mm having wall thickness of 1.5 mm.

8	1C-2×1.5 sq.mm (BYA) cable with 1.50 sq.mm (BYA) Ecc wire with though PVC pipe of inner diameter 16 mm
9	1C-2×2.5 sq.mm (BYA) cable with 1.50 sq.mm (BYA) Ecc wire with though PVC pipe of inner diameter 16 mm
10	Gang Switch of MK/MEM/Legrand/ Schncider/ABB or equivalent approved by the engineering in charge.
	4Gang switch.
	3 Gang switch
	2 Gang switch
11	Gang type Fan regulator
12	1 Gang switch & 2 pin Combined Socket (5mps)
13	Providing & fixing 250 volt single phase 3 pin
	13/15/16 amps combined switch socket outlet surface type. socket outlets of MK/MEM/Legrend/ABB or equivalent approved by engineering in charge.
14	Providing in fixing ceiling mounted LED light Dia 9 Inch 18 ward (Energy pack)
15	Providing in fixing SDB (160amp MCCB, 5-40 amp SPMCB) ABB/Mitsubish/LS
	18 SWG Steel Box (30 Inch×24 Inch×5.5 Inch, Copper Busbar Maximum capacity 300amp, 600 volt.
16	Providing in fixing SDB (250amp MCCB, 5-40 amp SPMCB) ABB/Mitsubish/LS
	18 SWG Steel Box (36 Inch×30 Inch×5.5 Inch, Copper Busbar Maximum capacity 400amp, 600 volt.
17	Earthling 1C-1×25 sq. mm (BYA) BRB/BBS/ Paradise/ Bizle.
	Cables Manufactured by BRB/Paradise BBS/Poly/Supersign/Citizen/Bizle (for both NYY & 2XY Cable)/Evana/Khawaja/MEP (for NYY only or equivalent approved by the Engineering in Charge.
<b>D. Cabling and other for internet works:</b>	
1	Fiber Cable (4core)
2	Internet cable Cat-6
3	UTP Cable Cate-6
4	Switch Rack
5	MC
6	Switch 16 Port (GigaPort)
7	Wifi Router Duel Mode
8	Connector, TJ Box, Wall Clip, Black Tape, Cable Tie, Fiber Splicing. Etc.

### Work at Narayanganj

SL No	Description of work at Narayanganj
<b>A. Dismantling, Removal of dismantled materials, civil works.</b>	
1	Dismantling of Existing 125mm and 250mm brick work, plaster by suitable hammer and chisel and cut with 6 inch dia electric Disc cutter. Dismantled materials move a safe distance by the contractor as per instruction of engineer.
2	Dismantling Existing of R.C.C, lintel, fales, slab, etc by suitable hammer and chisel and cut with 6 inch dia Electric Disc cutter. Dismantled materials move a safe distance by the contractor as per instruction of engineer.
3	Taking out electric cable line and other piping manually Dismantled materials move a safe distance by the contractor as per instruction of engineer.

4	125mm Brick works with first class bricks with cement sand (F.M. 12) mortar (1:4) and making bond with connected walls including necessary scaffolding, raking out joints, cleaning and socking the bricks for at least 24 hours before use and washing of sand, curing at least for 7 days in all Levels including cost of water, electricity and other charges etc. all complete and accepted by the Authority (Cement: CEM-II/A-M).
5	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:2:4 having minimum fcr = 24 MPa, satisfying a specified compressive strength $f_c=19$ MPa at 28 days on standard cylinders as per standard practice od code ACI/BNBC/ASTM, cement conforming to BDS EN-197-1-CEM-I, 52.5N (25.5 MPa) / ASTM-C 150 Type-I best quality sand [50% quantity of best local sand (F.M. 1.2)and 50% quantity of sylhet sand or coarse sane of equivalent F.M. 2.2] and 20mm down well graded picked jhama brick chips conforming to ASTM C-33 including breaking chips and screening, making and placing shutter in position maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing in standard mixer machine with hopper fed by standard measuring boxes or mixing in batching plant, 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, laboratory testing charges of materials and concrete cylinders as required, cost of all materials and other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding 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 step etc. up to 1st floor
	(Skan, Seven ring special, Shah special cement).
6	Providing minimum 12mm 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/A-M) 1st floor
	(Scan, Seven ring special, Shah special cement).
7	Interior standard acrylic emulsion paint (plastic or matt finish) of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger robbialac plastic emulsion/Asian apcolite plastic emulsion or equivalent brand) in a sealed conlainer; 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 1 coat of interior sealer of specified brand on prepared surface; then applying 1 coat of 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 by spreading with brush/ roller/spray machine & 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.
8	Supply fitting and fixing 6" solid plastic door frame with solid plastic door shutter (N. poly) 2.5 feet X 7 feet
9	Centering and shuttering, including strutting, propping etc. and removal of form after hardening of the concrete for:
10	Supplying, fitting and fixing country made glazed wall tiles complying BDS ISO 13006:2015, irrespective of color &/or desing, with 20mm thick cement sand (F.M. 1.2) mortar (1:3) base and raking out the joints with white cement including cutting, laying and hire charge of machine and finishing with care etc. including cost of water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: VEM-II/A-M). In 1st floor
	Wall tiles more than 250mm×400mm & less than or equal to 300mm×600mm in sizes

11	Supplying, fitting and fixing country made homogeneous floor tiles complying BDS IOS 13006:2015, water absorption $\leq 0.5\%$ , modulus of rupture (MOR) $\geq 27 \text{ N/mm}^2$ , irrespective of color %/or desing, with 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/A-M) in 1st floor Size 300mm×300mm
12	Grade 400 (RB 400 / RB 400W: complying BDS ISO 6935-2:2006) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, $f_y$ ( $R_{eH}$ )=400 MPa but $f_y$ not exceeding 450 MPa and whatever is the yield 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 16% and 8% respectively: up to 1st floor. ( BSRM, KSRM)
13	Supplying, fitting and fixing of aluminium sliding composite window, partition respect as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having 1.2mm thick outer bottom ( size 95.00mm, 38mm, 0.870kg/m) 1.2mm thick outer top (size 95.00mm, 28.50mm,0.97kg/m), 1.2mm thick shutter top (size 33mm, 26.80mm, 22mm, 0.536kg/m), 1.2mm thick shutter bottom (size 60mm, 24.40mm, 0.736 kg/m), 1.2mm thick outer side (size 95.00mm, 1950mm, 0.738 kg/m), 1.2mm thick shutter lock (size 49.20mm, 26.2mm, 0.661 kg/m), 1.2mm thick shutter lock (size 34.40mm, 32.10mm, 0.665 kg/m), 1.2mm thick mesh section (size 425.20mm, 13.20mm 0.460 kg//m), all aluminium members (total weight 12.79 kg) will be anodized to aluminium silver colour with a coat not less than 15 microns in thickness or powder coated to any colour with a coat not less than 25 microns in thickness and density of 4 mg per square cm etc. including all accessories like sliding door key lock, sliding door wheel, sliding door mohair, sliding door neoprene, bolts and nuts including sealants, with 5mm frosted glass and spandrel, keeping provision for fitting fiber mesh including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity complete in all respect as per drawing and accepted by the Engineer-in-charge.
	Anodized to silver colour
14	Standard synthetic enamel paint of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger jhulik synthetic enamel/Elite quick drying/Asian decora synthetic enamel or equivalent brand) in a sealed container, having high water resistance, high bondability, flexibility property; using specified brand thinner applying to metallic or wooden surface by drass/ roller/spray machine in 2 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.
15	Supply fitting fixing window grills of any design made with 20 mm X 5 mm F.I. bar as inner and outer section; including fabricating, welding, cost of electricity and tools and plants etc. complete for all floors accepted by the Engineer-in-charge.
16	Supplying, fitting and fixing M. S. door shutter made with 38 mm X 38 mm X 6 mm angle outer frame, inner member 25 mm X 6 mm F.I. bar, cladding with 16 BWG M.S. sheet, 04 nos. 75 mm long hinge, 02 nos locking arrangements with 50 mm X 50 mm X 6 mm M.S. angle chowkat including all charges for welding, riveting etc. including cost of supplying all essential fittings like iron hinges, socket bolts, clamps, for fitting and fixing the frame, making necessary holes in brick walls and R.C.C. works and fitting with C.C. (1:2:4) and mending good damages including all cost of carriage, workshop charges, electricity, and labour for fitting, fixing, curing etc. all complete and accepted by the Engineer-in-charge. (Size 40 inch X 84 inch 10 no.)
<b>B. Sanitary and plumbing works:</b>	

1	Supplying Fitting and fixing of European Standard (RAK) type glazed porcelain combi closet. Including plastic seat cover, cistern system, preparing the base with cement concrete and with wire mesh or rods if necessary in all floors including making holes. Where ever required and mending good. The damages and fitting fixing, and finishing etc. complete with all necessary fitting connection approved and accepted by the Engineering in-charge. 670mm x 365mm x 755mm, 31 kg Special colored (Ivory/ Alpine White / grey/ pink / blue.
2	Supplying of glazed vitreous W/H wash basin including pedestal of size 660mm x 545mm x 850mm, 29 kg of weight including fitting, fixing the same in position with heavy type CI (brackets 30mm dia PVC waste water pipe with brass supplying. 12mm plastic lead pipe with brass supplying basing waste with chain plug including making all complete works. Approved and accepted by the engineering in charge. Light colored / Ivory / Alpine White / Grey/ Pink/ Blow
3	Supplying fitting and fixing of Bangladesh pattern long pan, made of vitreous light color 525mm×295mm size, 5.7kg of weight and preparing the best of pan with cement concrete and with mesh or rods if necessary in all floor including making holes wherever required and mending good the damages and fitting, fixing, finishing etc. complete with all necessary fittings and connections approved and accepted by the Engineer-in-charge.
4	Supplying , fitting and fixing plastic low –down including all fitting and accessories
	Supplying fitting and laying up-depth of invert 100mm best quality UPVC pressure soil pipe having specific gravity 1.3-1.45 and other physical, chemical, thermal, fire resistivity properties etc. as per astm BS/ ISO/IS slandered fitted and fixed in position with sockets, band with all accessories complete approved and accepted by the engineering in charge.
5	UPVC soil pipe of 100mm dia and wall thickness 2.7mm-3.4mm
6	UPVC soil pipe of 50mm dia and wall thickness 2.6mm
	Supplying, fitting, fixing of GI union with sealant etc. complete in all works approved and accepted by the engineering in charge.
7	12mm CP special heavy duty pillar cock
8	Special cancelled heavy angle stop cock
9	Toilet shower
10	Supplying of fixing and fitting of 12mm dia 600mm long plastic flexible lead connection pipe.
11	stainless steel soap tray
12	Twin Bib Cock
13	Bib Cock
14	4" UPVC Door Bend
15	4" UPVC Door Tee
16	4" PVC Net
	Supplying different inside dia best quality UPVC pressure pipe for water supply having specific gravity 1.35-1.45 and other physical, chemical, thermal, fire, resistivity properties etc as per BSTI approved manufactured standard fitted and fixed in position with socket, bends etc approved by the engineering in charge.
17	Mirror
18	Towel ring
19	1 1/2 Magic pipe
20	Paper Holder
21	Supply fitting fixing GI pipe including Elbow, socket, tee, etc. Complete
	A. 12.5 mm @
	B. 20 mm @
22	Supply fitting fixing Bath Shower (Moving)

23	Supply fitting fixing conceal stopcock (Heavy Duty)
1	Main Power Cable (Services Power Cable) 1C-4X35 sq.mm (NYY) with 25 sq.mm (BYA) Ecc wire through GI pipe of minimum inner dia 65 mm.
2	Sub Main Power cable (MDB to SDB) 1C-4X25 sq.mm (NYY) with 16 sq.mm (BYA) Ecc wire through GI pipe of minimum inner dia 50 mm.
3	Providing & fixing 415V+10% 50 Hz Three Phase Electronics Digital Energy meter (KWH meter) steel body with glass cover on Prepared (Bmco/Citizen/ Hosaf/Jamuna/Prime or equivalent foreign made as per approved by PDB/DPDC or Semilar origination (10-100Amps) Single Tariff.
4	Cables manufactured by BRB/BBS/ Paradise/Bzile/Poly for both (NYY & 2XY cable) or equivalent approved by the engineering Incharge. 1C-4X4 sq.mm (NYY2NY) with 4 sq.mm Ecc wire through PVC pipe of minimum inner dia 30 mm having wall thickness of 1.5 mm.
5	1C-2X1.5 sq.mm (BYA) cable with 1.5 sq.mm (BYA) Ecc wire through PVC pipe of inner diameter 16 mm.
6	1C-2X2.5 sq.mm (BYA) cable with 1.5 sq.mm (BYA) Ecc wire through PVC pipe of inner diameter 16 mm.
7	Gang Switch of MK/MEM/Legrand/ Schncider/ABB or equivalent approved by the engineering in charge.
	4 Gang switch.
	3 Gang switch.
	2 Gang switch.
8	1 Gang switch.
8	Gang type Fan regulator
9	1 Gang switch & 2 pin Combined Socket (5mps)
10	Providing & fixing 250 volt single phase 3 pin 13/15/16 amps combined switch socket outlet surface type. Socket outlets of MK/MEM/Legrend/ABB or equivalent approved by the engineering in charge.
11	Providing & fixing MCCB 160amp, 100amp, 100amp.
12	Providing & fixing 5-40amp SPMCB/ ABB/Mitsubish/LS.
13	Providing & fixing LED Double Tube Light 4© Wall Mounted.
14	LED Ceiling Mounting Light 18 Watt Energy Pack 9© dia.
	Cables Manufactured by BRB/Paradise BBS/Poly/Supersign/Citizen/Bizle (for both NYY & 2XY Cable) Evana/ Khawaja/MEP (for NYY only or equivalent approved by the Engineering in Charge.
<b>D. Internet Works:</b>	
1	UTP Cable Cat- 6
2	Switch Rack
3	Switch 16 Port ( Giga Port )
4	Wifi Router Duel Mode
5	Connector, Tj Box, Wall Clip, Black Tape, Cable Tie, Fiber Splicing. Etc.

## **SECTION 2: BILL OF QUANTITIES**

## **BILL OF QUANTITIES-WORKS AT MIRZAPUR**

SL No	Description of work	Unit	Quantity	Unit rate	Amount (BDT)
<b>A. Dismantling, Removal of dismantled materials, civil works:</b>					
1	Dismantling of Existing 125mm and 250mm brick work, plaster by suitable hammer and chisel and cut with 6 inch dia electric Disc cutter. Dismantled materials move a safe distance by the contractor as per instruction of engineer.	Sqm	28		
2	Dismantling Existing of R.C.C, lintel, fales, slab, etc by suitable hammer and chisel and cut with 6 inch dia Electric Disc cutter. Dismantled materials move a safe distance by the contractor as per instruction of engineer.	Cbm	3.4		
3	Taking out electric cable line and other piping manually Dismantled materials move a safe distance by the contractor as per instruction of engineer.	Job	1		
4	Supplying, fitting and fixing plastic board ceiling of 9mm thick board. framing by powder coated T-bar,1×1Angle in 600mm×600mm grid from ceiling by 12 SWG double ply wire, fixed to the ceiling by rowel plug, screws, hooks, nails etc., maintaining straight lines and desired finished level at bottom face including vertical wooden strut as required, making holes in slabs or beams by electric drill machine and mending good the damages, if any during execution of the work, also including cost of all materials, electricity, accessories, scaffoldings, labour for installation, screws, nails, etc. all complete as per drawing, design and accepted by the Engineer-in-charge.	Sqm	624.5		
5	125mm Brick works with first class bricks with cement sand (F.M. 12) mortar (1:4) and making bond with connected walls including necessary scaffolding, raking out joints, cleaning and socking the bricks for at least 24 hours before use and washing of sand, curing at least for 7 days in all Levels including cost of water, electricity and other charges etc. all complete and accepted by the Authority (Cement: CEM-II/A-M).	Sqm	102.2		



6	<p>Reinforced cement concrete works with minimum cement content relates to mix ratio 1:2:4 having minimum fcr = 24 MPa, satisfying a specified compressive strength <math>f_c=19</math> 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 (25.5 MPa) / ASTM-C 150 Type-I best quality sand [50% quantity of best local sand (F.M. 1.2) and 50% quantity of sylhet sand or coarse sand of equivalent F.M. 2.2] and 20mm down well graded picked jhama brick chips conforming to ASTM C-33 including breaking chips and screening, making and placing shutter in position maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing in standard mixer machine with hopper fed by standard measuring boxes or mixing in batching plant, 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, laboratory testing charges of materials and concrete cylinders as required, cost of all materials and other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering &amp; centering)</p>	Cbm	0.71		
	<p>Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel stair case slab and step etc. up to 1st floor (Scan, Seven ring special, Shah special cement).</p>				
7	<p>Providing minimum 12mm 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/A-M) 1st floor</p>	Sqm	102.2		
	<p>(Scan, Seven ring special, Shah special cement).</p>				

8	Interior standard acrylic emulsion paint (plastic or matt finish) of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger robbialac plastic emulsion/Asian apcolite plastic emulsion or equivalent brand) in a sealed conlainer; 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 1 coat of interior sealer of specified brand on prepared surface; then applying 1 coat of 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 by spreading with brush/ roller/spray machine & 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.	Sqm	1322		
9	Supply fitting and fixing 6" solid plastic door frame with solid plastic door shutter (N. poly)	Each	10		
10	Centering and shuttering, including strutting, propping etc. and removal of form after hardening of the concrete for:	Sqm	11		
11	Supplying, fitting and fixing country made mirror polished homogeneous floor tiles complying BDS IOS 13006:2015, water absorbtion $\leq 0.5\%$ , modulus of rupture (MOR) $\geq 27$ N/mm <sup>2</sup> , irrespective of color %/or desing, with 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/A-M) in Ist floor Size 600mm×600mm	Sqm	97.5		
12	Supplying, fitting and fixing country made glazed wall tiles complying BDS ISO 13006:2015, irrespective of color &/or desing, with 20mm thick cement sand (F.M. 1.2) mortar (1:3) base and raking out the joints with white cement including cutting, laying and hire charge of machine and finishing with care etc. including cost of water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: VEM-II/A-M). In Ist floor	sqm	92		
	Wall tiles more than 250mm×400mm & less than or equal to 300mm×600mm in sizes.				

13	Supplying, fitting and fixing country made homogeneous floor tiles complying BDS IOS 13006:2015, water absorption $\leq 0.5\%$ , modulus of rupture (MOR) $\geq 27$ N/mm <sup>2</sup> , irrespective of color %/or desing, with 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/A-M) in 1st floor Size 300mm×300mm	Sqm	9.75		
14	Grade 400 (RB 400 / RB 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 450 MPa and whatever is the yield strength within allowable limit as per BNBC/ ACI 318, the ratio of 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 1st floor. ( BSRM, KSRM)	Kg	185		
15	Supplying, fitting and fixing of aluminium sliding composite window, partition respect as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having 1.2mm thick outer bottom ( size 95.00mm, 38mm, 0.870kg/m) 1.2mm thick outer top (size 95.00mm, 28.50mm,0.97kg/m), 1.2mm thick shutter top (size 33mm, 26.80mm, 22mm, 0.536kg/m), 1.2mm thick shutter bottom (size 60mm, 24.40mm, 0.736 kg/m), 1.2mm thick outer side (size 95.00mm, 1950mm, 0.738 kg/m), 1.2mm thick shutter lock (size 49.20mm, 26.2mm, 0.661 kg/m), 1.2mm thick shutter lock (size 34.40mm, 32.10mm, 0.665 kg/m), 1.2mm thick mesh section (size 425.20mm, 13.20mm 0.460 kg//m), all aluminium members (total weight 12.79 kg) will be anodized to aluminium silver colour with a coat not less than 15 microns in thickness or powder coated to any colour with a coat not less than 25 microns in thickness and density of 4 mg per square cm etc. including all accessories like sliding door key lock, sliding door wheel, sliding door mohair, sliding door neoprene, bolts and nuts including sealants, with 5mm frosted glass and spandrel, keeping provision for fitting fiber mesh including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity complete in all respect as per drawing and accepted by the Engineer-in-charge. Anodized to silver colour	Sqm	483		

16	Standard synthetic enamel paint of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger jhulik synthetic enamel/Elite quick drying/Asian decora synthetic enamel or equivalent brand) in a sealed container, having high water resistance, high bondability, flexibility property; using specified brand thinner applying to metallic or wooden surface by drass/ roller/spray machine in 2 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	186		
<b>B. Sanitary and plumbing works:</b>					
	Supplying Fitting and fixing of European Standard (RAK) type glazed porcelain combi closet. Including plastic seat cover, cistern system, preparing the base with cement concrete and with wire mesh or rods if necessary in all floors including making holes. Where ever required and mending good. The damages and fitting fixing, and finishing etc. complete with all necessary fitting connection approved and accepted by the Engineering in-charge.				
1	670mm x 365mm x 755mm, 31 kg Special colored (Ivory/ Alpine White / grey/ pink / blue.	Each	6		
	Supplying of glazed vitreous W/H wash basin including pedestal of size 660mm x 545mm x 850mm, 29 kg of weight including fitting, fixing the same in position with heavy type CI (brackets 30mm dia PVC waste water pipe with brass supplying. 12mm plastic lead pipe with brass supplying basing waste with chain plug including making all complete works. Approved and accepted by the engineering in charge.				
2	Light colored / Ivory / Alpine White / Grey/ Pink/ Blow	Each	6		
3	Supplying fitting and fixing of Bangladesh pattern long pan, made of vitreous light color 525mm×295mm size, 5.7kg of weight and preparing the best of pan with cement concrete and with mesh or rods if necessary in all floor including making holes wherever required and mending good the damages and fitting, fixing, finishing etc. complete with all necessary fittings and connections approved and accepted by the Engineer-in-charge.	Each	3		
4	Supplying , fitting and fixing plastic low –down including all fitting and accessories	Each	3		
	Supplying fitting and laying up-depth of invert 100mm best quality UPVC pressure soil pipe having specific gravity 1.3-1.45 and other physical, chemical, thermal, fire resistivity properties etc. as per astm BS/ ISO/IS slandered fitted and fixed in position with sockets, band with all accessories complete approved and accepted by the engineering in charge.				
5	UPVC soil pipe of 100mm dia and wall thickness 2.7mm-3.4mm	Meter	30		
6	UPVC soil pipe of 150mm dia and wall thickness 4.5mm-6.6mm	Meter	20		

7	UPVC soil pipe of 50mm dia and wall thickness 2.6mm	Meter	25		
	Supplying, fitting, fixing of GI union with sealant etc. complete in all works approved and accepted by the engineering in charge.				
8	25mm dia GI union	Each	8		
9	25mm brass gate valve	Each	6		
10	12mm CP special heavy duty pillar cock	Each	8		
11	Special cancelled heavy angle stop cock	Each	18		
12	Toilet shower	Each	7		
13	Supplying fixing and fitting of 12mm dia 600mm long plastic flexible lead connection pipe.	Meter	12		
14	stainless steel soap tray	Each	7		
15	Twin Bib Cock	Each	7		
16	Bib Cock	Each	9		
17	UPVC E/ commode (P). Trap	Each	10		
18	4"UPVC (P) Tee	Each	8		
19	4" UPVC off side	Each	10		
20	4" UPVC (P)Bend	Each	18		
21	4" UPVC Door Bend	Each	8		
22	4" UPVC Door Tee	Each	6		
23	4" PVC Net	Each	10		
	Supplying different inside dia best quality UPVC pressure pipe for water supply having specific gravity 1.35-145 and other physical, chemical, thermal, fire, resistivity properties etc as per BSTI approved manufactured standard fitted and fixed in position with socket, bends etc approved by the engineering in charge.				
24	25mm dia wall thickness 2.2mm- 3.4mm Threat pipe	Meter	30		
25	1"× ½" GI Tee	Each	12		
26	2" UPVC Tee	Each	26		
27	2" UPVC Elbow	Each	26		
28	2" PVC Net	Each	10		
29	Mirror	Each	6		
30	Towel ring	Each	6		
31	¾×1/2 R. socket	Each	18		
32	¾ Threat pipe	Meter	20		
33	¾ GI Elbow	Each	15		
34	1" GI Elbow	Each	12		
35	1" GI Tee	Each	10		
36	1" Socket	Each	15		
37	1 1/2 Magic pipe	Meter	8		

38	6" UPVC bend	Each	2		
39	6x4 UPVC Cross Tee	Each	1		
40	Paper Holder	Each	10		
41	½ CPVC	Each	20		
<b>C. Electric works:</b>					
1	Main Power Cable ( Service Power Cable)	Meter	45		
	1C-4x50 sq.mm (NYY) With 25 sq.mm (BYA) Ecc wire through GI pipe of minimum inner dia 65mm.				
2	Main Power Cable ( Service Power Cable)	Meter	31.25		
	1C-4x75 sq.mm (NYY) With 25 sq.mm (BYA) Ecc wire through GI pipe of minimum inner dia 65mm.				
3	Sub Main Power cable (MDB to SDB)	Meter	25		
	1C-4x25 sq.mm (NYY) with 16 sq. mm (BYA) Ecc wire through GI pipe of minimum inner dia 50 mm				
4	Providing & fixing 415V+10% 50 Hz Three Phase Electronics Digital Eneargy miter (KWH meter) Steel body with glass cover on Prepared (Bmco/Citizen/Hosaf/Jamuna/ Prime or equivalent foreign made as per approved by PDB/DPDC or Semilar origination (10-100Amps) Single Tariff.	Each	1		
5	Depth & Bottom of main electrode at (102.5 ft per set) form GI & 8 diameter copper electrode 100 ft	Set	1		
6	Constriction of Earthling inspection Pit inside Each mazement 600mmx600mm with 250 mm thick brick in cement materials with 100 mm thick RCC top slab necessary earth work site filling and one brick flat soling.	Each	1		
7	Cables manufactured by BRB/BBS/ Paradise/Bzile/Poly for both (NYY & 2XY cable) or equivalent approved by the engineering In-charge.	Meter	250		
	1C-4x4 sq.mm (NYY/2XY) with 4 Sq. mm Ecc wire though PVC pipe of minimum inner dia 30mm having wall thickness of 1.5 mm.				
8	1C-2x1.5 sq.mm (BYA) cable with 1.50 sq.mm (BYA) Ecc wire with though PVC pipe of inner diameter 16 mm	Meter	800		
9	1C-2x2.5 sq.mm (BYA) cable with 1.50 sq.mm (BYA) Ecc wire with though PVC pipe of inner diameter 16 mm	Meter	200		
10	Gang Switch of MK/MEM/Legrand/ Schncider/ABB or equivalent approved by the engineering in charge.	Each	10		
	4Gang switch.				
	3 Gang switch				
	2 Gang switch				
11	Gang type Fan regulator	Each	77		
12	1 Gang switch & 2 pin Combined Socket (5mps)	Each	4		

13	Providing & fixing 250 volt single phase 3 pin 13/15/16 amps combined switch socket outlet surface type. socket outlets of MK/MEM/ Legrend/ABB or equivalent approved by engineering in charge.	Each	110		
14	Providing in fixing ceiling mounted LED light Dia 9 Inch 18 ward (Energy pack)	Each	70		
15	Providing in fixing SDB (160amp MCCB, 5-40 amp SPMCB) ABB/Mitsubish/LS 18 SWG Steel Box (30 Inch×24 Inch×5.5 Inch, Copper Busbar Maximum capacity 300amp, 600 volt.	Each	1		
16	Providing in fixing SDB (250amp MCCB, 5-40 amp SPMCB) ABB/Mitsubish/LS 18 SWG Steel Box (36 Inch×30 Inch×5.5 Inch, Copper Busbar Maximum capacity 400amp, 600 volt.	Each	1		
17	Earthling 1C-1×25 sq. mm (BYA) BRB/BBS/ Paradise/ Bizle.	Meter	25		
	Cables Manufactured by BRB/Paradise BBS/Poly/Supersign/Citizen/Bizle (for both NYY & 2XY Cable)/Evana/Khawaja/MEP (for NYY only or equivalent approved by the Engineering in Charge.				
<b>D. Internet works:</b>					
1	Fiber Cable (4core)	Meter	400		
2	Internet cable Cat-6	Meter	150		
3	UTP Cable Cate-6	Box	2		
4	Switch Rack	Each	2		
5	MC	pair	3		
6	Switch 16 Port (GigaPort)	Each	2		
7	Wifi Router Duel Mode	Each	4		
8	Connector, TJ Box, Wall Clip, Black Tape, Cable Tie, Fiber Solicing, Etc	Job	1		

### **BILL OF QUANTITIES-WORKS AT NARAYANGANJ**

SL No	Description of work	Unit	Quantity	Unit Rate	Total Amount
<b>A. Dismantling, Removal of dismantled materials, civil works.</b>					
1	Dismantling of Existing 125mm and 250mm brick work, plaster by suitable hammer and chisel and cut with 6 inch dia electric Disc cutter. Dismantled materials move a safe distance by the contractor as per instruction of engineer.	Sqm	232		
2	Dismantling Existing of R.C.C, lintel, fales, slab, etc by suitable hammer and chisel and cut with 6 inch dia Electric Disc cutter. Dismantled materials move a safe distance by the contractor as per instruction of engineer.	Cbm	1.55		
3	Taking out electric cable line and other piping manually Dismantled materials move a safe distance by the contractor as per instruction of engineer.	Job	1		

4	125mm Brick works with first class bricks with cement sand (F.M. 12) 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 Levels including cost of water, electricity and other charges etc. all complete and accepted by the Authority (Cement: CEM-II/A-M).	Sqm	68.25		
5	<p>Reinforced cement concrete works with minimum cement content relates to mix ratio 1:2:4 having minimum fcr = 24 MPa, satisfying a specified compressive strength <math>f_c=19</math> 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 (25.5 MPa) / ASTM-C 150 Type-I best quality sand [50% quantity of best local sand (F.M. 1.2) and 50% quantity of sylhet sand or coarse sand of equivalent F.M. 2.2] and 20mm down well graded picked jhama brick chips conforming to ASTM C-33 including breaking chips and screening, making and placing shutter in position maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing in standard mixer machine with hopper fed by standard measuring boxes or mixing in batching plant, 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, laboratory testing charges of materials and concrete cylinders as required, cost of all materials and other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering &amp; centering)</p> <p>Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel stair case slab and step etc. up to 1st floor</p> <p>(Skan, Seven ring special, Shah special cement).</p>	Cbm	0.4		
6	<p>Providing minimum 12mm 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/A-M) 1st floor</p> <p>(Scan, Seven ring special, Shah special cement).</p>	Sqm	80.35		



7	Interior standard acrylic emulsion paint (plastic or matt finish) of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger robbialac plastic emulsion/Asian apcolite plastic emulsion or equivalent brand) in a sealed conlainer; 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 1 coat of interior sealer of specified brand on prepared surface; then applying 1 coat of 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 by spreading with brush/roller/spray machine & 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.	sqm	1965		
8	Supply fitting and fixing 6" solid plastic door frame with solid plastic door shutter (N. poly) 2.5 feet X 7 feet	Each	10		
9	Centering and shuttering, including strutting, propping etc. and removal of form after hardening of the concrete for:	Sqm	2		
10	Supplying, fitting and fixing country made glazed wall tiles complying BDS ISO 13006:2015, irrespective of color &/or desing, with 20mm thick cement sand (F.M. 1.2) mortar (1:3) base and raking out the joints with white cement including cutting, laying and hire charge of machine and finishing with care etc. including cost of water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: VEM-II/A-M). In 1st floor	Sqm	89.25		
	Wall tiles more than 250mm×400mm & less than or equal to 300mm×600mm in sizes				
11	Supplying, fitting and fixing country made homogeneous floor tiles complying BDS IOS 13006:2015, water absorbtion ≤ 0.5%, modulus of rupture (MOR) ≥ 27 N/mm <sup>2</sup> , irrespective of color %/or desing, with 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/A-M) in 1st floor Size 300mm×300mm	Sqm	52.5		
12	Grade 400 (RB 400 / RB 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 450 MPa and whatever is the yield strength within allowable limit as per BNBC/ ACI 318, the ratio of 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 1st floor. (BSRM, KSRM)	Kg	40		

13	<p>Supplying, fitting and fixing of aluminium sliding composite window, partition respect as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having 1.2mm thick outer bottom ( size 95.00mm, 38mm, 0.870kg/m) 1.2mm thick outer top (size 95.00mm, 28.50mm,097kg/m), 1.2mm thick shutter top (size 33mm, 26.80mm, 22mm, 0536kg/m), 1.2mm thick shutter bottom (size 60mm, 24.40mm, 0.736 kg/m), 1.2mm thick outer side (size 95.00mm, 1950mm, 0738 kg/m), 1.2mm thick shutter lock (size 49.20mm, 26.2mm, 0.661 kg/m), 1.2mm thick shutter lock (size 34.40mm, 32.10mm, 0.665 kg/m), 1.2mm thick mesh section (size 425.20mm, 13.20mm 0.460 kg//m), all aluminium members (total weight 12.79 kg) will be anodized to aluminium silver colour with a coat not less than 15 micrones in thickness or powder coated to any colour with a coat not less than 25 micrones in thickness and density of 4 mg per square cm etc. including all accessories like sliding door key lock, sliding door wheel, sliding door mohair, sliding door neoprene, bolts and nuts including sealants, with 5mm frosted glass and spandrel, keeping provision for fitting fiber mesh including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity complete in all respect as per drawing and accepted by the Engineer-in-charge.</p> <p>Anodized to silver colour</p>	Sqm	72		
14	<p>Standard synthetic enamel paint of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger jhilik synthetic enamel/Elite quick drying/Asian decora synthetic enamel or equivalent brand) in a sealed container, having high water resistance, high bondibility, flexibility property; using specified brand thinner applying to metallic or wooden surface by drass/ roller/spray machine in 2 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.</p>	Sqm	209.6		
15	<p>Supply fitting fixing window grills of any design made with 20 mm X 5 mm F.I. bar as inner and outer section; including fabricating, welding, cost of electricity and tools and plants etc. complete for all floors accepted by the Engineer-in-charge.</p>	Sqm	69.7		
16	<p>Supplying, fitting and fixing M. S. door shutter made with 38 mm X 38 mm X 6 mm angle outer frane, inner member 25 mm X 6 mm F.I. bar, cladding with 16 BWG M.S. sheet, 04 nos. 75 mm long hinge, 02 nos locking arrangements with 50 mm X 50 mm X 6 mm M.S. angle chowkat including all charges for welding, riveting etc. including cost of supplying all essential fittings like iron hinges, socket bolts, clamps, fpr fitting and fixing the frame, making necessary holes in brick walls and R.C.C. works and fitting with C.C. (1:2:4) and</p>	Sqm	21.68		

	mending good the damages including all cost of carriage, workshop charges, electricity, and labour for fitting, fixing, curing etc. all complete and accepted by the Engineer-in-charge. (Size 40 inch X 84 inch 10 no.)				
<b>B. Sanitary and plumbing works:</b>					
	Supplying Fitting and fixing of European Standard (RAK) type glazed porcelain combi closet. Including plastic seat cover, cistern system, preparing the base with cement concrete and with wire mesh or rods if necessary in all floors including making holes. Where ever required and mending goods. The damages and fitting fixing, and finishing etc. complete with all necessary fitting connection approved and accepted by the Engineering in-charge.				
1	670mm x 365mm x 755mm, 31 kg Special colored (Ivory/ Alpine White / grey/ pink / blue.	Each	4		
	Supplying of glazed vitreous W/H wash basin including pedestal of size 660mm x 545mm x 850mm, 29 kg of weight including fitting, fixing the same in position with heavy type CI (brackets 30mm dia PVC waste water pipe with brass supplying. 12mm plastic lead pipe with brass supplying basing waste with chain plug including making all complete works. Approved and accepted by the engineering in charge.				
2	Light colored / Ivory / Alpine White / Grey/ Pink/ Blow	Each	5		
3	Supplying fitting and fixing of Bangladesh pattern long pan, made of vitreous light color 525mm×295mm size, 5.7kg of weight and preparing the best of pan with cement concrete and with mesh or rods if necessary in all floor including making holes wherever required and mending good the damages and fitting, fixing, finishing etc. complete with all necessary fittings and connections approved and accepted by the Engineer-in-charge.	Each	4		
4	Supplying , fitting and fixing plastic low –down including all fitting and accessories	Each	4		
	Supplying fitting and laying up-depth of invert 100mm best quality UPVC pressure soil pipe having specific gravity 1.3-1.45 and other physical, chemical, thermal, fire resistivity properties etc. as per astm BS/ ISO/IS slandered fitted and fixed in position with sockets, band with all accessories complete approved and accepted by the engineering in charge.				
5	UPVC soil pipe of 100mm dia and wall thickness 2.7mm-3.4mm	Meter	24.5		
6	UPVC soil pipe of 50mm dia and wall thickness 2.6mm	Meter	7		
	Supplying, fitting, fixing of GI union with sealant etc. complete in all works approved and accepted by the engineering in charge.				
7	12mm CP special heavy duty pillar cock	Each	6		
8	Special cancelled heavy angle stop cock	Each	13		
9	Toilet shower	Each	8		
10	Supplying fixing and fitting of 12mm dia 600mm long plastic flexible lead connection pipe.	Meter	13		
11	stainless steel soap tray	Each	13		
12	Twin Bib Cock	Each	8		
13	Bib Cock	Each	1		
14	4" UPVC Door Bend	Each	10		
15	4" UPVC Door Tee	Each	4		

16	4" PVC Net	Each	12		
	Supplying different inside dia best quality UPVC pressure pipe for water supply having specific gravity 1.35-145 and other physical, chemical, thermal, fire, resistivity properties etc as per BSTI approved manufactured standard fitted and fixed in position with socket, bends etc approved by the engineering in charge.				
17	Mirror	Each	5		
18	Towel ring	Each	6		
19	1 1/2" Magic pipe	Meter	6		
20	Paper Holder	Each	8		
21	Supply fitting fixing GI pipe including Elbow, socket, tee, etc. Complete				
	A. 12.5 mm @	Each	60		
	B. 20 mm @	Each	8		
22	Supply fitting fixing Bath Shower (Moving)	Each	1		
23	Supply fitting fixing conceal stopcock (Heavy Duty)	Each	1		
<b>C. Electric Works:</b>					
1	Main Power Cable (Services Power Cable) 1C-4X35 sq.mm (NYY) with 25 sq.mm (BYA) Ecc wire through GI pipe of minimum inner dia 65 mm.	Meter	40		
2	Sub Main Power cable (MDB to SDB) 1C-4X25 sq.mm (NYY) with 16 sq.mm (BYA) Ecc wire through GI pipe of minimum inner dia 50 mm.	Meter	50		
3	Providing & fixing 415V+10% 50 Hz Three Phase Electronics Digital Energy meter (KWH meter) steel body with glass cover on Prepared (Bmco/Citizen/ Hosaf/Jamuna/Prime or equivalent foreign made as per approved by PDB/DPDC or Semilar origination (10-100Amps) Single Tariff.	Each	1		
4	Cables manufactured by BRB/BBS/ Paradise/Bzile/Poly for both (NYY & 2XY cable) or equivalent approved by the engineering Incharge. 1C-4X4 sq.mm (NYY2NY) with 4 sq.mm Ecc wire through PVC pipe of minimum inner dia 30 mm having wall thickness of 1.5 mm.	Meter	180		
5	1C-2X1.5 sq.mm (BYA) cable with 1.5 sq.mm (BYA) Ecc wire through PVC pipe of inner diameter 16 mm.	Meter	600		
6	1C-2X2.5 sq.mm (BYA) cable with 1.5 sq.mm (BYA) Ecc wire through PVC pipe of inner diameter 16 mm.	Meter	150		
7	Gang Switch of MK/MEM/Legrand/ Schncider/ABB or equivalent approved by the engineering in charge.				
	4 Gang switch.	Each	30		
	3 Gang switch.	Each	4		
	2 Gang switch.	Each	12		
	1 Gang switch.	Each	6		
8	Gang type Fan regulator	Each	42		
9	1 Gang switch & 2 pin Combined Socket (5mps)	Each	18		
10	Providing & fixing 250 volt single phase 3 pin 13/15/16 amps combined switch socket outlet surface type. Socket outlets of MK/MEM/Legrend/ABB or equivalent approved by the engineering in charge.	Each	90		
11	Providing & fixing MCCB 160amp, 100amp, 100amp.	Each	3		

12	Providing & fixing 5-40amp SPMCB/ ABB/Mitsubish/LS.	Each	70		
13	Providing & fixing LED Double Tube Light 4© Wall Mounted.	Each	90		
14	LED Celling Mounting Light 18 Watt Energy Pack 9© dia.	Each	30		
	Cables Manufactured by BRB/Paradise BBS/Poly/Supersign/Citizen/Bizle (for both NYY & 2XY Cable) Evana/ Khawaja/MEP (for NYY only or equivalent approved by the Engineering in Charge.				
<b>D. Internet cabling and other works:</b>					
1	UTP Cable Cat- 6	Box	3		
2	Switch Rack	Each	1		
3	Switch 16 Port ( Giga Port )	Each	2		
4	Wifi Router Duel Mode	Each	3		
5	Connector, Tj Box, Wall Clip, Black Tape, Cable Tie, Fiber Splicing. Etc.	Job	1		

## FORM OF QUOTATION

\_\_\_\_\_ (Date)

To

Dr. ABM Ali Hassan  
Main Focal Point  
Kumudini Welfare Trust of Bengal (BD) Ltd-SEIP Project  
74 Gulshan Avenue, Dhaka, Bangladesh.  
Telephone: (+88-02)58817100  
Mobile: (+880) 1707008181  
Fax: (+88-02) 7635024  
Email: [kwt-seip@kumudini.org.bd](mailto:kwt-seip@kumudini.org.bd)

We offer to execute the Renovation works (Civil, Electrical, Plumbing and Cabling of IT and Electrical at Mirzapur and Narayanganj for the dedicated spaces for nursing and caregiving program for KWT-SEIP Project, Package number-08 in accordance with the Conditions of Contract (in the Form of Contract) accompanying this Quotation for the Contract Price of \_\_\_\_\_ (amount in words and numbers) (Bangladesh Taka. We propose to complete the Works described in the Contract within a period of \_\_\_\_\_ months from the Date of Signing of the Contract

This Quotation and your written acceptance will constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any Quotation you receive.

We hereby confirm that this Quotation complies with the Validity of the Offer required by the proposal documents.

We have not been associated with the firm that prepared the design and specifications of the contract that is subject of this request for quotation.

We are not in the ADB sanctions list.

Authorized Signature: \_\_\_\_\_

Name and Title of Signatory \_\_\_\_\_  
\_\_\_\_\_

Name of Contractor: \_\_\_\_\_

Address : \_\_\_\_\_  
\_\_\_\_\_

Phone Number: \_\_\_\_\_

Fax Number, if any \_\_\_\_\_

Email address (optional) \_\_\_\_\_

## FORM OF CONTRACT

**Name of Country: Bangladesh**

**Project Name: KWT-SEIP Project**

Name of Contract: \_ Renovation Works (Renovation works (Civil, Electrical, Plumbing and Cabling of IT and Electrical at Mirzapur and Narayangan.

Contract Number: KWT-SEIP-01

This Contract is made this \_\_\_\_\_ day of \_\_\_\_\_ 2021\_ Kumudini Welfare Trust of Bengal (BD) Ltd.-SEIP 1Project on the one part (hereinafter called the Employer) and \_\_\_\_\_ (hereinafter called the Contractor) on the other part.

Whereas the Employer has called for quotations for (name and identification number of the contract) and the Contractor has submitted a quotation for the above work and the Employer has accepted the Contractor's Quotation dated \_\_\_\_\_ for the execution and completion of such works and the remedying of any defects therein.

Now this Contract witnesses as follows:

1. The Contractor hereby covenants to execute the works fully described in the Activity Schedule (or Bill of Quantities) included in the Contractor's Quotation which constitute an integral part of this Contract (as Annex 1) in a professional and workmanship like manner in accordance with the following Conditions of Contract:

- (a) Remedy all defects within 30 days of notification by the Engineer in charge during the period of execution of the contract and thereafter defects notified within the defect liability period;
- (b) The Employer reserves the right to terminate the contract due to unsatisfactory performance 21 days after giving a written notice. If the Contract is frustrated by the outbreak of war or by any other event entirely outside the control of either the Employer or the Contractor, the Engineer in charge shall certify that the contract has been frustrated. In such an event, both the Employer and Contractor will have a right to terminate the contract by giving 21 days notice to the other party without any financial repercussions on either side. Payments after termination or frustration shall consider the value of work completed and materials delivered by the Contractor, and the advance payment made by Employer;
- (c) All material and construction equipment on site, temporary works, and Works shall be deemed to be the property of the Employer if the contract is terminated due to fault of the Contractor;
- (d) The Contractor will in all cases abide by the directions of the Engineer in charge.
- (e) The Contractor shall submit to the Engineer in charge, a program within 7 days after signing the contract describing general methods and schedule to complete the works;
- (f) Contract completion period **1** (month) after signing of the contract.
- (g) No part of the works shall be subcontracted without prior approval of the Employer.

- (h) New items of work performed as ordered by the Engineer in charge will be paid at the mutually agreed rate and in case of any disagreement between the Contractor and the Engineer in charge the latter will fix the unit rates that will be binding on the Contractor;
- (i) The Law governing the contract shall be applicable laws of Bangladesh;
- (j) The Contractor shall be responsible for the safety of all the activities on the Site.
- (k) During execution of works the Engineer in charge, Mr. Mridul Kanti Barua, Civil Engineer, KWT will carry out inspection of works at site to verify that works are executed by the Contractor in accordance with the specifications and required quality as per specifications. Engineer in charge will reject works not performed to the required specifications and the Contractor shall take immediate actions to rectify all defects in accordance with subparagraph (a) above;
- (l) Either party may terminate the Contract by giving a 21 days notice to the other for unforeseen events such as wars and acts of Gods such as earthquake, floods fires etc. In such case the payments will be made to the date of termination of contract;
- (m) The Contractor is responsible for all taxes, duties. levies, etc. in accordance with the laws of the Peoples Republic of Bangladesh; and
- (n) The disputes between the Employer and the Contractor arising between them under or in connection with the Contract shall be resolved amicably. In the event the dispute remains unresolved either party may refer the dispute to President, Institute of Engineers, Bangladesh in accordance with the law governing the contract.

2. In consideration thereof the Employer covenants to pay the Contractor the contract price of \_\_\_\_\_ (in words and figures) in the following manner and installments:

- (i) 100 percent Payment shall be made upon completion of the works certified by the Engineer in Charge based on the value of the work actually performed, calculated on the basis of unit prices and quantities. However, partial payment is allowed based on material / goods purchase and works completed as certified by concern engineer. Payment shall be made to the Contractor within 21 days of the date of the payment request submitted by the contractor has been certified by the Engineer in Charge.

3. The defect liability period will be 12 months after taking over of completed works by the Employer.

In witness whereof the parties thereto have caused this Contract to be executed the day and year first before written.

Signature and seal of the Employer:  
FOR AND BEHALF OF

Signature and seal of the Contractor:  
FOR AND BEHALF OF

\_\_\_\_\_  
Name of Authorized Representative

\_\_\_\_\_  
Name of Authorized Representative



## FORM of LETTER OF ACCEPTANCE

Date: \_\_\_\_\_

To: \_\_\_\_\_ *[Name and address of the Contractor]*

Dear Sir or Madam,

This is to notify you that your Quotation dated \_\_\_\_\_ for execution of the *[name and number of the Contract]* for the Contract price of \_\_\_\_\_ *[amount in words and figures]*, as corrected and modified in accordance with the Request for Quotation has been accepted by us.

You are also requested to sign the attached contract form and commence construction of the Works not later than \_\_\_\_\_, and ensure the completion of the Works within the construction period specified in the contract.

For and on behalf of the Employer:

Authorized Signature: \_\_\_\_\_

Name of Signatory : \_\_\_\_\_

Title : \_\_\_\_\_