

GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH
OFFICE OF THE EXECUTIVE ENGINEER
Khulna PWD DIVISION-1
Khulna.

INVITATION FOR RE-TENDER

Memo No. 3327

Date: 02-08-2016

1.	Ministry/Division	Ministry of Housing and Public Works		
2.	Agency	Public works Department (PWD)		
3.	Procuring Entity Name	Executive Engineer, Khulna PWD Division-1, Khulna.		
4.	Procuring Entity Code	N/A		
5.	Procuring Entity District	Khulna		
6.	Invitation for	Works		
7.	Invitation Ref No	Police Head Quarters Memo No-Unnoyon/25-2013/(aostagar) (aonsho-20)/308(50) Dated-23-03-2016		
8.	Date of Invitation of Tender	02/08/2016		
9.	Procurement Method	Open Tendering Method (OTM)		
10.	Budget and Source of Funds	GOB (Development)		
11.	Invitation for Tender No	02/2016-2017		
12.	Tender package No.	KPWDD-1/PTC/WD2		
13.	Tender package name	Construction of Armory at PTC, Khulna.		
14.	Tender publication Date	09/08/2016.		
15.	Tender Last selling Date	22/08/2016 during office hour.		
16.	Tender Closing date and time	23/08/2016 up to 12:00 Noon.		
17.	Tender opening Date and time	23/08/2016 at 3:00 P.M.		
18.	Project Name	Construction of 19 armory at different units of police department		
19.	Name of Work	Tender Security	Type of Tender Security	Time for Completion of the Works
01.	Construction of 19 Armory at different units of police department (3-storied building with 4-storied foundation) at Khulna in/c. Internal Sanitary & Water Supply and Internal Electrical Works.	Tk. 7.00 (Seven) Lac Only.	BD/PO/ Bank Guarantee from any Bangladesh Scheduled Bank.	15 (Fifteen) Months
20.	Eligibility of Tenderers	This invitation for Tenders is open to all eligible Tenderers as mentioned below:		
	(a)	Reputed Contractors/Construction firms who have minimum 05 (five) years of general experience in construction works.		
	(b)	Having experience in successful completion of at least 1(one) number of building construction work of Tk. 160.00 (one hundred sixty) lac in a single tender in Government /Semi-Government /Autonomous Organization of Bangladesh during last 5 (five) years. In case of the work done under PWD, the certifying and authenticating authority shall be the concerned Executive Engineer. In case the work done under any Government/Semi-Government/Autonomous Organization other than PWD the certifying authority shall be an officer not below the rank of Executive Engineer and the same duly verified by the concerned Executive Engineer of PWD of that district under whose jurisdiction the work has been done. Prescribed form for work certificate for this purpose will be available in all offices. In the case of JVCA, the Lead Partner must satisfy 100% for single work experience and it is optional for other partner. Years counting backward from the date of publication of		

		IFT in the newspaper.		
	©	The tenderers shall have a minimum average annual construction turnover during last 5 (five) years of Tk. 200.00 (Two hundred) lac. Years counting backward from the date of publication of IFT in the newspaper.		
	(d)	The minimum amount of liquid asset or works capital or credit facilities of the tenderer shall be of Tk. 50.00 (fifty) lac. Document submitted along with the tender must be issued in between publication date and submission date of the tender.		
	(e)	<p>The tenderer must posses</p> <p>i) Up-to-date income tax clearance certificate (2015-2016).</p> <p>ii) Valid VAT registration certificate.</p> <p>iii) Up-to-date trade license (2015-2016).</p> <p>iv) Up-to-date ABC category contractory and supervisory license from Electricity Licensing Board, Government of Bangladesh (2015-2016).</p> <p>v) Attested copy of documents mentioned in Sl. No. i, ii, iii & iv are to be submitted.</p> <p>vi) Original money receipt.</p>		
	(f)	Other required eligibility and conditions of the tenderer are shown in Tender Data Sheet of tender documents.		
21.	Price of Tender Document	Tk. 1,500/- (One thousand and five hundred).		
22.	Name and address of the offices receiving Tenders	Office of the Executive Engineer, Khulna PWD Division-1, Khulna. Office of the Divisional Commissioner, Khulna. Office of the Police Commissioner, Khulna Metro Politian, Khulna. Office of Superintending Engineer, Khulna PWD Circle, Khulna.		
23.	Name and address of the office Opening Tenders	Office of the Executive Engineer, Khulna PWD Division-1, Khulna.		
24.	Name and address of the offices selling Tender Documents	Office of the Executive Engineer, Khulna PWD Division-1/2, Khulna/ Jessore PWD Division, Jessore/ Jhinaida PWD Division, Jhinaida/ Shatkhir PWD Division, Shatkhir/Meharpur PWD Division, Meharpur/ Chuadanga PWD Division, Chuadanga/ Kustia PWD Division, Kustia/Faridpur PWD Division, Faridpur/ Rajbari PWD Division, Rajbari/ Magura PWD Division, Magura/ Bagarhat PWD Division, Bagarhat/ Norail PWD Division, Norail/ Dhaka PWD Division-1, Dhaka/ Barisal PWD Division, Barisal/ Chittagong PWD Division-1, Chittagong/ Rajshahi PWD Division-1, Rajshahi/ Sylhet PWD Division, Sylhet, Rangpur PWD Division, Rangpur and Divisional Commissioner's Office, Khulna.		
25.	Last Date and Time for Submission of Tender Documents	Up to 12:00 noon of 23/08/2016.		
26.	Date and Time for Opening of Tenders	Tender will be opened on 23/08/2016 at 3:00 PM in the office of the Executive Engineer, Khulna PWD Division-1, Khulna.		
27.	Name of official inviting tender	Muhammad Jakir Hossin		
28.	Designation of official inviting tender	Executive Engineer		
29.	Address of official inviting tender	Executive Engineer, Khulna PWD Division-1, Khulna.		
30.	Contract detail of official inviting tender	Tel. No. 041-813209	Fax No. 041-733419	Email. ee_khul1@pwd.gov.bd
31.	Brief description of works	R.C.C frame structure including Brick Works, Wood Work in Door, Internal Sanitary & Water Supply and Internal Electrification, Stair, Water Tank and Lime Terracing.		

32.	Special Instructions	<p>(a) All document submitted must be signed by the Tenderer in each page. All true copies / photocopied documents submitted must be attested as per prevailing laws/rules.</p> <p>(b) In the case of JVCA, to quality each of its partners must meet at least 25% (twenty five percent) of minimum criteria of individual Tenderer and lead partner at least 40% (forty) percent of those minimum criteria of construction Turn-over and amount of Liquid assets. Failure to comply with this requirement will result in rejection of the JVCA Tender.</p> <p>(c) This tender notice is in brief and details of the Tender can be seen from the office of the undersigned during office hours.</p> <p>(d) The tenderer himself of his/ their authorized representative may remain present at the time of opening of the tender.</p> <p>(e) It is not possible to receive/ open tender on the schedule date for any unavoidable circumstances, the same will be received/ opened on the next working date at the same time & same venue.</p> <p>(f) If the Tender Submits any false/ incorrect of forged certificate, the Tender security may be forfeited.</p>
33.		<p>a) The Procuring Entity reserves the right to accept or reject all the tenders or annul the tender proceedings without assigning any reason thereof.</p> <p>(b) If any mistake/ omission occurs in this tender will be corrected / included as per PPR-2008 & its amendment and no claim in this regards will be entertained.</p>

Muhammad Jakir Hossain
Executive Engineer
Khulna PWD Division-1
Khulna.

Copy submitted for kind information:-

1. The Chief Engineer, Public Works Department, Purta Bhaban, Segunbagicha, Dhaka.
2. The Chief Architect, Department of Architecture, Architecture Bhaban, Segunbagicha, Dhaka.
3. The Divisional Commissioner, Khulna Division, Khulna.
4. The Police Commissioner, Khulna Metro Politian, Khulna.
5. The Director General, Central Procurement Technical Unit, IMED, Block-12 (2nd Floor), Sher-e-Bangla Nagar, Dhaka for his kind information and with a hard copy and a soft copy in a CD for publishing in the CPTU website. Enclosure as per description.
6. The Additional Chief Engineer, Khulna PWD Zone, Khulna. Enclosure as per description.
7. The Additional Chief Engineer, PWD Zone Dhaka/Chittagong/Rajshahi/Barisal/Sylhet/Rangpur.
8. Mayor, Khulna City Corporation, Khulna.
9. The Superintending Engineer, Khulna PWD Circle, Khulna. Enclosure as per description.
10. The Superintending Engineer, Development Circle, Purta Bhaban, Segunbagicha, Dhaka. Enclosure as per description.
11. The Superintending Engineer, Dhaka PWD Circle-1/2/3/4/ Savar PWD Circle/Dhaka PWD E/M Circle-1/Chittagong PWD Circle-1/2/Sylhet PWD Circle/Comilla PWD Circle/Rajshahi PWD Circle/ Rangpur PWD Circle/ Mymensing PWD Circle/Barisal PWD Circle.
12. AIG (Estate), Police Head Quarters, Dhaka.
13. P.S. to Honorable Minister, Ministry of Housing and Public works, Bangladesh Secretariat, Dhaka. Enclosure as per description.
14. P.S. to Secretaty, Ministry of Housing and Public works, Bangladesh Secretariat, Dhaka. Enclosure as per description.
15. Commandant, Police Training Center, Khulna.
16. Deputy Commissioner, Khulna for kind information. Enclosure as per description.
17. Project Director, Construction of 19 armory at different units of police department, Police Head Quarters, Dhaka.
18. Executive Engineer (O & M) ,Purta Bhaban, Segunbagicha, Dhaka.
19. Executive Engineer, Project Division-4 Purta Bhaban, Segunbagicha, Dhaka.for information.
20. Executive Engineer, Khulna PWD Division-2, Khulna
21. Executive Engineer, RHD/ PHE/ LGED/ EED/KDA/ Zilla Porisad, Khulna

Muhammad Jakir Hossain
Executive Engineer
Khulna PWD Division-1
Khulna.

Copy submitted for information and necessary action:-

1. The Office of the Executive Engineer, Khulna PWD Division-1/2, Khulna/ Jessore PWD Division, Jessore/ Jhinaida PWD Division, Jhinaida/ Shatkhira PWD Division, Shatkhira/Meharpur PWD Division, Meharpur/ Chuadanga PWD Division, Chuyadanga/ Kustia PWD Division, Kustia/Faridpur PWD Division, Faridpur/ Rajbari PWD Division, Rajbari/ Magura PWD Division, Magura/ Bagarhat PWD Division, Bagarhat/ Norail PWD Division, Norail/ Dhaka PWD Division-1, Dhaka/ Barisal PWD Division, Barisal/ Chittagong PWD Division-1, Chittagong/ Rajshahi PWD Division-1, Rajshahi/ Sylhet PWD Division, Sylhet, PWD Division, Rangpur and Divisional Commissioner's Office, Khulna.
Enclosure: 2 (two) sets tender document.
2. The Sub-Divisional Engineer, PWD Sub-Division(1/3/E/M-1), Khulna.
3. The Sub-Assistant Engineer/Divisional Accountant/Cashier/Head Assistant of Division.
4. Notice Board.

Muhammad Jakir Hossain
Executive Engineer
Khulna PWD Division-1
Khulna

GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH
OFFICE OF THE EXECUTIVE ENGINEER
 Khulna PWD DIVISION-1
 Khulna.

INVITATION FOR RE-TENDER

Memo No. 3327

Date: 02-08-2016

1.	Ministry/Division	Ministry of Housing and Public Works		
2.	Agency	Public works Department (PWD)		
3.	Procuring Entity Name	Executive Engineer, Khulna PWD Division-1, Khulna.		
4.	Procuring Entity Code	N/A		
5.	Procuring Entity District	Khulna		
6.	Invitation for	Works		
7.	Invitation Ref No	Police Head Quarters Memo No-Unnoyon/25-2013/(aostagar) (aonsho-20)/308(50) Dated-23-03-2016		
8.	Date of Invitation of Tender	02/08/2016		
9.	Procurement Method	Open Tendering Method (OTM)		
10.	Budget and Source of Funds	GOB (Development)		
11.	Invitation for Tender No	02/2016-2017		
12.	Tender package No.	KPWDD-1/PTC/WD2		
13.	Tender package name	Construction of Armory at PTC, Khulna.		
14.	Tender publication Date	09/08/2016.		
15.	Tender Last selling Date	22/08/2016 during office hour.		
16.	Tender Closing date and time	23/08/2016 up to 12:00 Noon.		
17.	Tender opening Date and time	23/08/2016 at 3:00 P.M.		
18.	Project Name	Construction of 19 armory at different units of police department		
19.	Name of Work	Tender Security	Type of Tender Security	Time for Completion of the Works
01.	Construction of 19 Armory at different units of police department (3-storied building with 4-storied foundation) at Khulna in/c. Internal Sanitary & Water Supply and Internal Electrical Works.	Tk. 7.00 (Seven) Lac Only.	BD/PO/ Bank Guarantee from any Bangladesh Scheduled Bank.	15 (Fifteen) Months
20.	Eligibility of Tenderers	This invitation for Tenders is open to all eligible Tenderers as mentioned below:		
	(a)	Reputed Contractors/Construction firms who have minimum 05 (five) years of general experience in construction works.		
	(b)	Having experience in successful completion of at least 1(one) number of building construction work of Tk. 160.00 (one hundred sixty) lac in a single tender in Government /Semi-Government /Autonomous Organization of Bangladesh during last 5 (five) years. In case of the work done under PWD, the certifying and authenticating authority shall be the concerned Executive Engineer. In case the work done under any Government/Semi-Government/Autonomous Organization other than PWD the certifying authority shall be an officer not below the rank of Executive Engineer and the same duly verified by the concerned Executive Engineer of PWD of that district under whose jurisdiction the work has been done. Prescribed form for work certificate for this purpose will be available in all offices.		
	©	The tenderers shall have a minimum average annual construction turnover during last 5 (five) years of Tk. 200.00 (Two hundred) lac. Years counting backward from the date of publication of IFT in the newspaper.		
	(d)	The minimum amount of liquid asset or works capital or credit facilities of the tenderer shall be of Tk. 50.00 (fifty) lac. Document submitted along with the tender must be issued in between publication date and submission date of the tender.		
	(e)	The tenderer must possess i) Up-to-date income tax clearance certificate (2015-2016). ii) Valid VAT registration certificate. iii) Up-to-date trade license (2015-2016). iv) Up-to-date ABC category contractory and supervisory license from Electricity Licensing Board, Government of Bangladesh (2015-2016). v) Attested copy of documents mentioned in Sl. No. i, ii, iii & iv are to be submitted. vi) Original money receipt.		
	(f)	Other required eligibility and conditions of the tenderer are shown in Tender Data Sheet of tender documents.		
21.	Price of Tender Document	Tk. 1,500/- (One thousand and five hundred).		
22.	Name and address of the offices receiving Tenders	Office of the Executive Engineer, Khulna PWD Division-1, Khulna. Office of the Divisional Commissioner, Khulna. Office of the Police Commissioner, Khulna Metro Politian, Khulna. Office of Superintending Engineer, Khulna PWD Circle, Khulna.		
23.	Name and address of the office Opening Tenders	Office of the Executive Engineer, Khulna PWD Division-1, Khulna.		

24.	Name and address of the offices selling Tender Documents	Office of the Executive Engineer, Khulna PWD Division-1/2, Khulna/ Jessore PWD Division, Jessore/ Jhinaida PWD Division, Jhinaida/ Shatkhira PWD Division, Shatkhira/Meharpur PWD Division, Meharpur/ Chuadanga PWD Division, Chuadanga/ Kustia PWD Division, Kustia/Faridpur PWD Division, Faridpur/ Rajbari PWD Division, Rajbari/ Magura PWD Division, Magura/ Bagarhat PWD Division, Bagarhat/ Norail PWD Division, Norail/ Dhaka PWD Division-1, Dhaka/ Barisal PWD Division, Barisal/ Chittagong PWD Division-1, Chittagong/ Rajshahi PWD Division-1, Rajshahi/ Sylhet PWD Division, Sylhet , Rangpur PWD Division, Rangpur and Divisional Commissioner's Office, Khulna.		
25.	Last Date and Time for Submission of Tender Documents	Up to 12:00 noon of 23/08/2016.		
26.	Date and Time for Opening of Tenders	Tender will be opened on 23/08/2016 at 3:00 PM in the office of the Executive Engineer, Khulna PWD Division-1, Khulna.		
27.	Name of official inviting tender	Muhammad Jakir Hossain		
28.	Designation of official inviting tender	Executive Engineer		
29.	Address of official inviting tender	Executive Engineer, Khulna PWD Division-1, Khulna.		
30.	Contract detail of official inviting tender	Tel. No. 041-813209	Fax No. 041-733419	Email. ee_khul1@pwd.gov.bd
31.	Brief description of works	R.C.C frame structure including Brick Works, Wood Work in Door, Internal Sanitary & Water Supply and Internal Electrification, Stair, Water Tank and Lime Terracing.		

Muhammad Jakir Hossain
Executive Engineer
Khulna PWD Division-1
Khulna.

GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH
OFFICE OF THE EXECUTIVE ENGINEER

Khulna PWD DIVISION-1

Khulna.

INVITATION FOR TENDERS

IFT No.-17/2015-2016

Memo No. 1344

Date: 18-04-2016

1.	Ministry/Division	Ministry of Housing and Public Works		
2.	Agency	Public works Department (PWD)		
3.	Procuring Entity Name	Executive Engineer, Khulna PWD Division-1, Khulna.		
4.	Procurement Method	Open Tendering Method (OTM)		
5.	Budget and Source of Funds	GOB		
6.	Invitation for Tender No	17/2015-2016		
7.	Tender package No.	KPWDD-1/PTC/WD1		
8.	Project Name	Construction of 19 armory at different units of police department		
9.	Name of Work	Tender Security	Type of Tender Security	Time for Completion of the Works
01.	Construction of 19 armory at different units of police department (3-storied building with 4-storied foundation) at Khulna in/c. Internal Sanitary & Water Supply and Internal Electrical Works.	Tk. 12.00 Lac (Twelve Lac) Only.	BD/PO/ /Bank Guarantee from any Bangladesh Scheduled Bank.	15 (fifteen) Months
10.	Eligibility of Tenderers	This invitation for Tenders is open to all eligible Tenderers as mentioned below:		
	(a)	Reputed Contractors/Construction firms who have minimum 05 (five) years of general experience in construction works.		
	(b)	<p>Having experience in successful completion of at least 1(one) number of building construction work of Tk. 160.00 (one hundred sixty) lac in a single tender in Government /Semi-Government /Autonomous Organization of Bangladesh during last 5 (five) years. In case of the work done under PWD, the certifying and authenticating authority shall be the concerned Executive Engineer.</p> <p>In case the work done under any Government/Semi-Government/Autonomous Organization other than PWD the certifying authority shall be an officer not below the rank of Executive Engineer and the same duly verified by the concerned Executive Engineer of PWD of that district under whose jurisdiction the work has been done. Prescribed form for work certificate for this purpose will be available in all offices. In the case of JVCA, the Lead Partner must satisfy 100% for single work experience and it is optional for other partner. Years counting backward from the date of publication of IFT in the newspaper.</p>		
	©	The tenderers shall have a minimum average annual construction turnover during last 5 (five) years of Tk. 200.00 (two hundred) lac. Years counting backward from the date of publication of IFT in the newspaper.		
	(d)	The minimum amount of liquid asset or works capital or credit facilities of the tenderer shall be of Tk. 50.00 (fifty) lac. Document submitted along with the tender must be issued in between publication date and submission date of the tender.		
	(e)	<p>The tenderer must possess</p> <p>i) Up-to-date income tax clearance certificate.</p> <p>ii) Valid VAT registration certificate.</p> <p>iii) Up-to-date trade license.</p> <p>iv) Up-to-date ABC category contractory and supervisory license from Electricity Licensing Board, Government of Bangladesh.</p> <p>v) Attested copy of documents mentioned in Sl. No. i, ii, iii & iv are to be submitted.</p> <p>vi) Original money receipt.</p>		

	(f)	Other required eligibility and conditions of the tenderer are shown in Tender Data Sheet of tender documents.		
11.	Price of Tender Document	Tk. 1,500/- (One thousand and five hundred).		
12.	Name and address of the offices receiving Tenders	Office of the Executive Engineer, Khulna PWD Division-1, Khulna. Office of the Divisional Commissioner, Khulna. Office of the Police Commissioner, Khulna Metro Politian, Khulna. Office of Superintending Engineer, Khulna PWD Circle, Khulna.		
13.	Name and address of the office Opening Tenders	Office of the Executive Engineer, Khulna PWD Division-1, Khulna.		
14.	Name and address of the offices selling Tender Documents	Office of the Executive Engineer, Khulna PWD Division-1/2, Khulna/ Jessore PWD Division, Jessore/ Jhinaida PWD Division, Jhinaida/ Shatkhira PWD Division, Shatkhira/Meharपुर PWD Division, Meharपुर/ Chuadanga PWD Division, Chuadanga/ Khustia PWD Division, Khustia/Faridpur PWD Division, Faridpur/ Rajbari PWD Division, Rajbari/ Magura PWD Division, Magura/ Bagarhat PWD Division, Bagarhat/ Norail PWD Division, Norail/ Dhaka PWD Division-1, Dhaka/ Barisal PWD Division, Barisal/ Chittagong PWD Division-1, Chittagong/ Rajshahi PWD Division-1, Rajshahi/ Sylhet PWD Division, Sylhet , Divisional Commissioner's Office, Khulna.		
15.	Tender Last selling Date	16/05/2016 during office hour.		
15.	Last Date and Time for Submission of Tender Documents	Up to 12:00 noon of 17/05/2016.		
16.	Date and Time for Opening of Tenders	Tender will be opened on 17/05/2016 at 3:00 PM in the office of the Executive Engineer, Khulna PWD Division-1, Khulna.		
17.	Name of official inviting tender	Muhammad Jakir Hossin		
18.	Designation of official inviting tender	Executive Engineer		
19.	Address of official inviting tender	Executive Engineer, Khulna PWD Division-1, Khulna.		
20.	Contract detail of official inviting tender	Tel. No. 041-813209	Fax No. 041-733419	Email. ee_khul1@pwd.gov.bd
21.	Brief description of works	R.C.C frame structure including Brick Works, Wood Work in Door, Internal Sanitary & Water Supply and Internal Electrification, Stair, Water Tank and Lime Terracing.		
22.	Special Instructions	<p>(a) All document submitted must be signed by the Tenderer in each page. All true copies / photocopied documents submitted must be attested as per prevailing laws/rules.</p> <p>(b) In the case of JVCA, to quality each of its partners must meet at least 25% (twenty five percent) of minimum criteria of individual Tenderer and lead partner at least 40% (forty) percent of those minimum criteria of construction Turn-over and amount of Liquid assets. Failure to comply with this requirement will result in rejection of the JVCA Tender.</p> <p>(c) This tender notice is in brief and details of the Tender can be seen from the office of the undersigned during office hours.</p>		

		<p>(d) The tenderer himself or his/ their authorized representative may remain present at the time of opening of the tender.</p> <p>(e) It is not possible to receive/ open tender on the schedule date for any unavoidable circumstances, the same will be received/ opened on the next working date at the same time & same venue.</p> <p>(f) If the Tender Submits any false/ incorrect or forged certificate, the Tender security may be forfeited.</p>
33.	a) The Procuring Entity reserves the right to accept or reject all the tenders or annul the tender proceedings without assigning any reason thereof. b) If any mistake/ omission occurs in this tender will be corrected / included as per PPR-2008 & its amendment and no claim in this regard will be entertained.	

Muhammad Jakir Hossain
Executive Engineer
Khulna PWD Division-1
Khulna.

Memo No. 202/1(40)

Date: 24/01/2016

Copy submitted for kind information:-

1. The Chief Engineer, Public Works Department, Purta Bhaban, Segunbagicha, Dhaka.
2. The Chief Architect, Department of Architecture, Architecture Bhaban, Segunbagicha, Dhaka.
3. The Divisional Commissioner, Khulna Division, Khulna.
4. The Police Commissioner, Khulna Metro Politian, Khulna.
5. The Director General, Central Procurement Technical Unit, IMED, Block-12 (2nd Floor), Sher-e-Bangla Nagar, Dhaka for his kind information and with a hard copy and a soft copy in a CD for publishing in the CPTU website. Enclosure as per description.
6. The Additional Chief Engineer, Khulna PWD Zone, Khulna. Enclosure as per description.
7. The Additional Chief Engineer, PWD Zone Dhaka/Chittagong/Rajshahi/Barisal/Sylhet/Rangpur.
8. Mayor, Khulna City Corporation, Khulna.
9. The Superintending Engineer, Khulna PWD Circle, Khulna. Enclosure as per description.
10. The Superintending Engineer, Development Circle, Purta Bhaban, Segunbagicha, Dhaka. Enclosure as per description.
11. The Superintending Engineer, Dhaka PWD Circle-1/2/3/4/ Savar PWD Circle/Dhaka PWD E/M Circle-1/Chittagong PWD Circle-1/2/Sylhet PWD Circle/Comilla PWD Circle/Rajshahi PWD Circle/ Rangpur PWD Circle/ Mymensing PWD Circle/Barisal PWD Circle.

12. AIG (Estate), Police Head Quarters, Dhaka.
13. P.S. to Honorable Minister, Ministry of Housing and Public works, Bangladesh Secretariat, Dhaka. Enclosure as per description.
14. P.S. to Secretary, Ministry of Housing and Public works, Bangladesh Secretariat, Dhaka. Enclosure as per description.
15. Commandant, Police Training Center, Khulna.
16. Deputy Commissioner, Khulna for kind information. Enclosure as per description.
17. Executive Engineer (O & M) ,Purta Bhaban, Segunbagicha, Dhaka, with a hard copy and a soft copy in a CD for publishing in the PWD website.
18. Executive Engineer, Project Division-4 Purta Bhaban, Segunbagicha, Dhaka.for information.
19. Executive Engineer, Khulna PWD Division-2, Khulna
20. Executive Engineer, RHD/ PHE/ LGED/ EED/KDA/ Zilla Porisad, Khulna

Muhammad Jakir Hossain
Executive Engineer
Khulna PWD Division-1
Khulna.

Memo No.202/2(24)

Date: 24/01/2016

Copy submitted for information and necessary action:-

1. The Office of the Executive Engineer, Khulna PWD Division-1/2, Khulna/ Jessore PWD Division, Jessore/ Jhinaida PWD Division, Jhinaida/ Shatkhira PWD Division, Shatkhira/Meharpur PWD Division, Meharpur/ Chuadanga PWD Division, Chuyadanga/ Khustia PWD Division, Khustia/Faridpur PWD Division, Faridpur/ Rajbari PWD Division, Rajbari/ Magura PWD Division, Magura/ Bagarhat PWD Division, Bagarhat/ Norail PWD Division, Norail/ Dhaka PWD Division-1, Dhaka/ Barisal PWD Division, Barisal/ Chittagong PWD Division-1, Chittagong/ Rajshahi PWD Division-1, Rajshahi/ Sylhet PWD Division, Sylhet , Divisional Commissioner's Office, Khulna.
Enclosure: 2 (two) sets tender document.
2. The Sub-Divisional Engineer, PWD Sub-Division(1/3/E/M-1), Khulna.
3. The Sub-Assistant Engineer/Divisional Accountant/Cashier/Head Assistant of Division.
4. Notice Board.

Muhammad Jakir Hossain
Executive Engineer
Khulna PWD Division-1
Khulna

Section 6. Bill of Quantities (BOQ)

Guidance Notes on the Bill of Quantities

Objectives

The objectives of the Bill of Quantities (BOQ) are;

- (a) to provide sufficient information on the quantities of Works to be performed to enable Tenders to be prepared efficiently and accurately; and
- (b) when a Contract has been entered into, to provide a priced BOQ for use in the periodic valuation of Works executed.

In order to attain these objectives, the items in the BOQ should be grouped into sections to distinguish between those parts of the Works that by nature, location, access, timing, or any other special characteristics may give rise to different methods of construction, phasing of the Works, or considerations of cost. General items common to all parts of the Works may be grouped as a separate section in the BOQ. Consistent with these requirements, the layout and content of the BOQ should be as simple and brief as possible. Quantities should be computed net from the Drawings, unless directed otherwise in the Contract, and no allowance should be made for bulking, shrinkage, or waste.

Quantities should be rounded up or down where appropriate and spurious accuracy should be avoided.

The quantities given in the BOQ are estimated and provisional, and are given to provide a common basis for Tendering. The basis of payment will be the actual quantities of work ordered and carried out, as measured by the Contractor and verified by the Project Manager and valued at the rates or prices quoted in the priced BOQ, where applicable, and otherwise at such rates or prices as the Project Manager may fix within the terms and conditions of the Contract.

The method of measurements of completed works for payment shall be based on metric system unless otherwise unavoidable.

A sample format has been suggested.

Unit Rates and Price

All unit rates and prices quoted by the Tenderers against each basic item or activity shall include the Tenderer's profit, overheads, VAT and all other charges including corresponding incidental service charges and premiums for banking and insurances, as applicable and, thus forth the total Tender Price quoted by the Tenderers

Daywork Schedule

A Daywork Schedule is commonly used in contracts where the likely incidence of unforeseen work cannot be covered by definitive descriptions and approximate quantities in the BOQ. A Daywork Schedule should therefore be included only if the probability of unforeseen work, outside the items included in the BOQ, is high. To facilitate checking by the Procuring Entity of the realism of rates quoted by the Tenderers, the Daywork Schedule should normally comprise the following:

- (a) a list of the various classes of labour, materials, and construction plant for which basic Daywork unit rates or prices are to be quoted by the Tenderer, together with a statement of the conditions under which the Contractor will be paid for work executed on a Daywork basis.
- (b) quantities for each item of Daywork, to be priced or quoted by each Tenderer at Daywork rates as Tender.

If a Day work Schedule is to be included **at all** in the Tender Document, it shall include nominal quantities against the items most likely to be used and the unit rates or prices quoted by the Tenderer shall remain invariable whatever the quantities ordered .

A sample format of the Schedule has been suggested.

Provisional Sums

A general provision for physical contingencies (quantity overruns) or for meeting other essential expenditures may be made by including a provisional sum in the Summary BOQ. Similarly, a contingency allowance for possible price increases should be provided as a provisional sum in the Summary BOQ. The inclusion of such provisional sums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arise.

A sample format has been suggested.

Correction of Errors

If in preparing BOQ of its Tender, the Tenderer has made errors in the unit rates or prices or the total price, and wishes to correct such errors prior to submission of its Tender, it may do so, but shall ensure that each correction of error is properly initialled by the authorised person of the Tenderer and that a statement shall be made as to the total number of such corrections made, at the end of the priced BOQ.

The Procuring Entity shall ensure that the following note is added at the end of each page of the BOQ.

“This BOQ contains *[state number]* corrections duly initialled and signed by the authorised person of the Tenderer”.

THIS GUIDANCE NOTES FOR PREPARING A BILL OF QUANTITIES ARE INTENDED ONLY AS INFORMATION FOR THE PROCURING ENTITY OR THE PERSON DRAFTING THE TENDER DOCUMENT. THIS SHOULD NOT BE INCLUDED IN THE FINAL DOCUMENT

A. BOQ for Civil Works

Name of Work	Construction of Weaving & Dyeing Building (1 Storied Building with 3 Storied Foundation) in/c. Internal Sanitary & Water Supply and Internal Electrification Work under “Establishment of Gournadi Textile Institute” Project at Barisal.
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SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
1	<p>Erection and maintenance of site office and removal the same after completion of work in accordance with the conditions of contract.</p> <p>In addition to the office required for his own use, the Contractor shall provide and maintain furnished field office for the use of the Engineer and his staff. The field office is to have a concrete floor, adequate foundation, brick walls, false ceiling of hard board with seasoned Garjan wood frame and painted, and all windows are to be glazed and provided with steel grill. Outside and inside wall surface are to watertight condition by the Contractor until the completion of the contract and shall be provided with electricity, running water and sewerage. All doors shall be fitted with approved locks and windows shall be provided with screen/blinds. Before construction the Contractor shall submit plans and drawings access roads, shades, layout of electrical and water supply and hard standings thereto for the approval of the engineer. The Engineer may require revision of the plans prior to giving approval for construction. The Contractor shall also submit details proposed furniture, fittings and other items of equipment and plant to the engineer for approval. These items shall be of the standard quality suitable for site. The office, complete with furnishings, fittings, access roads and hard standings shall be ready for occupation by the Engineer within 28 days of the date when the Contractor first occupies the site. The Contractor will provide day and night guards and a tea boy for the field office. At the end of the project all materials, equipment and plant, furniture, fittings recovered from dismantling the office and removing access road will be the property of the Contractor. No interim payment shall be certified unless Engineer’s office with required facilities are constructed and accepted by the Engineer.</p> <p>(This is a time related item. Proportionate payment for this item shall be made distributing in each bill on the whole works under contract)</p> <p>Engineer’s site office of minimum 38 sqm plinth area with providing security fencing, 5 Kva stand-bye generator, furniture, first aid-box, safety helmet, level / theodolite, consumables, stationeries etc.</p>	Each	01		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
2	Earth work in excavation in all kinds of soil for foundation trenches including. layout, providing center lines, local bench-mark pillars, leveling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer, subject to submit method statement of carrying out excavation work to the Engineer for approval. However, Engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract.				
	(a) Layout and marking for earthwork in excavation in foundation accepted by the Engineer. [Plinth area of the structure shall be considered for measurement]	Sqm	999.62		
	(b) Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead: in very stiff (hard) clayey soil/ rubbish etc.	Cum	728.85		
3	Sand filling in foundation trenches and plinth with sand having F.M. 0.5 to 0.8 in 150mm layers including leveling, watering and compaction to achieve minimum dry density of 90% with optimum moisture content (Modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only etc. all complete and accepted by the Engineer.	Cum	457.02		
4	Earth filling in foundation trenches and plinth in 150 mm layer with earth available within 90 m of the building site to achieve minimum dry density of 90% with optimum moisture content (Modified proctor test) including carrying watering, leveling, dressing and compacting to a specified percentage each layer up to finished level etc. all complete and accepted by the Engineer.	Cum	145.77		
5	One layer of brick flat soling in foundation or in floor with first class or picked jhama bricks including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer.	Sqm	1253.66		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
6	Mass concrete (1:2:4) in foundation or floor with cement, sand (F.M. 1.2) and picked jhama chips including breaking chips, screening, mixing, laying, compacting to levels and curing for at least 7 days including the supply of water, electricity and other charges and costs of tools and plants etc. all complete and accepted by the Engineer. (Cement: CEM-II/A-M) Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2	Cum	79.80		
7	Damp proof course (DPC) (1:1.5:3) in cement concrete with cement, sand (F.M. 1.2) and picked jhama or stone chips including breaking chips, screening, centering, shuttering, casting, curing and finished with a coat of bitumen including the supply of water, electricity and other charges and costs of tools and plants etc. all complete and accepted by the Engineer. (Cement: CEM-II/A-M) 75 mm or 3" thick damp proof course (1:1.5:3) with Sylhet sand (F.M. 2.2) and stone chips.	Sqm	43.53		
8	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or any where below cement concrete complete in all respect and accepted by the Engineer.	Sqm	1047.26		
9	Brick works with first class bricks in cement sand (F.M. of sand 1.2) mortar (1:6) in foundation and plinth, filling the joints/interstices fully with mortar, racking out the joints, cleaning and soaking the bricks at least for 24 hours before use and curing at least for 7 days etc. all complete including cost of water, electricity and other charges and accepted by the Engineer. (Cement: CEM-II/A-M)	Cum	39.09		
10	Brick works of width one brick or one and a half brick length with first class bricks in cement sand (F.M. 1.2) mortar (1:6) in superstructure including raking out joints, filling the interstices with mortar, 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 (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) and accepted by the Engineer. (Cement: CEM-II/A-M)	Cum	163.66		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
11	125 mm brick works with first class bricks in 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. (Cement: CEM-II/A-M)				
	a) Ground Floor.	Sqm	315.40		
	b) 1 st Floor.	Sqm	89.18		
12	Providing brick works for 200 x 62 mm facing in superstructure with 200 x 62 x 16.5 mm machine made hard pressed klinker facing strips of approved quality with 20 mm thick cement sand (F.M.1.2) mortar (1:3) in adjacent side wall, column, drop wall etc. and racking out joints, cutting the bricks to required sizes wherever necessary with high class recessed pointing, cleaning and soaking the bricks at least for 24 hours before use washing and screening of sand and necessary scaffoldings, curing at least 7 days including cost of water, electricity and other charges etc. all complete and accepted by the Engineer. (Cement: CEM-II/A-M)	Sqm	165.86		
13	38 mm thick artificial patent stone (1:1.5:3) flooring with cement, best quality coarse sand (50% quantity of Sylhet sand or coarse sand of equivalent F.M. 2.2 and 50% best local sand of FM 1.2) and 12 mm down well graded stone chips, laying the concrete in alternate panels, compacting and finishing the top with neat cement and curing at least 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer. (Cement: CEM-II/A-M)	Sqm	2008.93		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
14	Supplying, fitting and fixing country made unglazed homogeneous floor tiles irrespective of color &/or design, 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. (Cement: CEM-II/A-M) Homogeneous 300 x 300 mm floor tiles	Sqm	58.08		
15	Supplying, fitting and fixing country made glazed wall tiles, irrespective of color &/or design with on 20 mm 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 water, electricity and other charges complete all respect accepted by the Engineer. (Cement: CEM-II/A-M) Wall tiles more than 250x330 & less than 250x400 in sizes or equivalent	Sqm	185.34		
16	Supplying, fitting and fixing country made mirror polished homogeneous floor tiles irrespective of color &/or design, 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. (Cement: CEM-II/A-M) GP (mirror polished) 600 x 600 mm floor tiles	Sqm	44.59		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
17	Supplying, fitting and fixing country made GP homogeneous stair tiles irrespective of color &/or design, 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. (Cement: CEM-II/A-M)	Sqm	40.00		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
18	Pre-cast driven pile with reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.5:3 having minimum $f'_{cr} = 30$ Mpa, and satisfying a specified compressive strength $f'_{c} = 25$ Mpa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM & cement conforming to BDS EN-197-1- CEM 1, 52.5N (52.5 MPa) / ASTM-C 150 Type - I, best quality coarse sand (F.M.2.2), 20 mm down well graded stone chips conforming to ASTM C-33, mixing in standard mixture machine and fed by standard measuring boxes, including all related works like cost of breaking chips, screening through proper sieves, cleaning and washing, centering and shuttering with M.S sheet, M.S angle, F.I bar, nuts and bolts, champering edges if so, preparation of casting bed, laying polythene there, in placing of reinforcement cage in position, casting, compacting by vibrators and tapered rods as where necessary, curing for 28 days etc. cost of water, electricity and other charges, providing fitting, fixing pile shoe in position as per design and drawing, tools, plants & equipments, mobilization, demobilization, hire charge of driving set, labour, test of materials and concrete etc. all complete as per design, drawing and accepted by the Engineer.(Rate is excluding the cost of reinforcement and its fabrication, binding, welding and placing) 360 mm x 360 mm size pre-cast pile (1:1.5:3) with stone chips	Rm	2209.69		
19	Pile shoe as per design and drawing	Each	145		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
20	Mobilization and demobilization of automatic diesel hammer mounted complete rig set.	Set	01		
21	Driving 360 mm x 360 mm size pre-cast pile by rig fitted with automatic diesel operated hammer and maintaining Driving Log in prescribed format. Before commencing driving operation by rig fitted with automatic diesel operated hammer, Contractor shall submit method statement for carrying the operation including sequence of driving to the Engineer for approval. However, Engineer's approval shall not relieve the Contractor of his responsibilities and obligations under contract.	Rm	2209.69		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
22	<p>Conducting static load test as per ASTM D1143 or equivalent standard for the cast-in-situ/pre-cast pile providing required scaffolding, bracing, jacks, pressure test gauge, loading unloading, Kentledge and other plants and equipment including staging, mobilization, demobilization, hire charge, gunny bags, sand and filling sacs/gunny bags for loading, record readings and preparation of results in standard forms and other incidental charges per standard practice and procedures including submission of load test report, furnishing all graph and chart etc. complete in all respects approved and accepted by the Engineer (Minimum two cyclic loading; one at service load and another cycle at double the load of service load then to continue loading till failure of the pile) Before commencing load test, Contractor shall submit method statement for conducting load test to the Engineer for approved. However, Engineer' approval shall not relieve the Contractor of his responsibilities and obligations under contract.. Load Test and Report shall be conducted under the supervision of a professional Geotechnical Engineer registered in BPERB or Geotechnical Firm registered in PWD.</p> <p>Boring & Pouring logs / Driving logs of Piles and Method statement shall be the part of load test report (Rates on load test under the supervision of Experts in the laboratory of universities and HBRI can be found in Chapter-32)</p> <p>For 125 tonne load for 1 No. of test</p>	Each	02		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
23	Labour for breaking head of hardened cast in situ bored pile/pre-cast pile up to a required length by any means but without damaging the rest and removing the dismantled materials such as concrete to a safe distance including scraps and cleaning concrete from steel/M.S. rods, straightening and bending of pile bars, preparation and making platform where necessary, carrying, all sorts of handling, stacking the same properly after clearing, leveling and dressing the situ and clearing the bed etc. complete in all respects and accepted by the Engineer. (Measurement will be given for the actual pile head volume to be broken)	Cum	12.71		
24	Reinforced cement concrete works using steel shutter with minimum cement content relates to mix ratio 1:1.5:3 having minimum $f_{cr} = 30$ Mpa, and satisfying a specified compressive strength $f'_c = 25$ Mpa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM & cement conforming to BDS EN-197-1- CEM1,52.5N (52.5Mpa)/ ASTM-C 150 Type – I, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down well graded Stone chips conforming ASTM C-33 making, placing shutter in position and 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, casting in forms, compacting by vibrator machine and curing at least for 28 days, and removing centering-shuttering after specified time approved; including cost of water, electricity, additional testing charges of materials and cylinders required by engineer, other charges etc. all complete approved and accepted by the Engineer.(Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc)				

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
	A). Individual and Combined footings. i) Concrete	Cum	101.18		
	ii) Formwork/shuttering, prop and necessary supports etc. (steel)	Sqm	169.70		
	B). In raft/ mat/ floor slab upto plinth level i) Concrete	Cum	161.34		
	C). Foundation beam i) Concrete	Cum	76.76		
	ii) Formwork/shuttering, prop and necessary supports etc. (steel)	Sqm	618.62		
	D). Padestals, column, column capitals, lift walls and walls upto (a) Ground Floor i) Concrete	Cum	116.40		
	ii) Formwork/shuttering, prop and necessary supports etc. (steel)	Sqm	741.69		
	(b) First Floor i) Concrete	Cum	15.88		
	ii) Formwork/shuttering, prop and necessary supports etc. (steel)	Sqm	108.52		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
	E). Tie beam and lintels: i) Concrete	Cum	13.26		
	ii) Formwork/shuttering, prop and necessary supports etc. (steel)	Sqm	210.68		
	F). Tee beams, Ell beams and Rectangular beams (a) Ground Floor i) Concrete	Cum	76.76		
	ii) Formwork/shuttering, prop and necessary supports etc. (steel)	Sqm	618.62		
	G). Floor and roof slab (a) Ground Floor i) Concrete	Cum	220.25		
	ii) Formwork/shuttering, prop and necessary supports etc. (steel)	Sqm	2331.07		
	(b) First Floor i) Concrete	Cum	12.84		
	ii) Formwork/shuttering, prop and necessary supports etc. (steel)	Sqm	107.86		
	H). Cornice, railing, drop walls, louver, fins etc. (a) Ground Floor i) Concrete	Cum	20.16		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
	ii) Formwork/shuttering, prop and necessary supports etc. (steel)	Sqm	456.37		
	D. Sunshade, false ceiling. (a) Ground Floor i) Concrete	Cum	5.70		
	ii) Formwork/shuttering, prop and necessary supports etc. (steel)	Sqm	74.84		
	J). Stair case slab and steps. (a) Ground Floor i) Concrete	Cum	5.19		
	ii) Formwork/shuttering, prop and necessary supports etc. (steel)	Sqm	37.32		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
25	<p>Supplying, fabrication and fixing to details as per design: Ribbed or deformed bar reinforcement for Reinforced Cement concrete, produced and marked in accordance with BDS ISO 6935-2: 2006 (or standard subsequently released form BSTI) including straightening and cleaning rust, if any, bending and binding in position with supply of G.I. wires, splices or laps what so ever etc. complete in all respects and accepted by the Engineer.(Measurement shall be recorded only on Standard Mass per Unit length of Bars, while, dia of bars exceeds its standard)</p> <p>Grade 400 (400 /400W: Complying BDSISO6935-2:2006) ribbed or deformed bar produced and marked according to Bangladesh Standard with minimum yield strength (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.</p>				
	(a) Ground Floor	Kg	148631.66		
	(b) 1 st Floor (Chilakota)	Kg	5251.65		
26	Supplying fan hook 300-grade (RB300) of 16 mm diameter M.S. rod (one meter straight length) having rounded hook at the middle of bar in proper size so as to be concealed within fan cup including fabrication and fitting fixing in all floor accepted by the Engineer.	Each	60		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
27	Supplying and making door and window frames (Chowkat) for all floors with matured natural seasoned wood of required size including painting two coats of coal tar to the surface in contact with wall, fitting and fixing in position etc. complete and accepted by the Engineer (All sizes of wood are finished). Chittagonj teck	Cum	0.39		
28	Supplying, fitting and fixing M.S. flat bar clamp of 225 x 38 x 6 mm size having bifurcated ends to door and window frames with necessary screws and encasing inside the wall with cement concrete (1:2:4) etc. complete and accepted by the Engineer.	Each	40		
29	Supplying, fitting and fixing 38 mm thick well matured, seasoned (min 10" wide plank) solid wood single leaf door shutter having top rail style of sections 100 mm x 38 mm, lock rail 125 x 38 mm and bottom rail 225 x 38 mm. Closed joints with 25 mm x 12 mm size wooden peg and provided with best quality 4 Nos. 100 mm iron hinges 2 (two) Nos. best quality 12 mm dia 300 mm and 200 mm long iron tower and socket bolts, 2 (two) Nos. heavy type nickel plated handle, hinged cleats, buffer blocks and finished by sand papering etc. all complete in all floors and accepted by the Engineer. (All sizes of wood are finished) Chittagong Teak	Sqm	22.00		
30	Supplying and making seasoned wooden hand rail of stair case etc. including necessary molding with proper corner finishing as per design, fitted and fixed in position in all floors etc. all complete and accepted by the Engineer. Chittagong Teak	Cum	0.26		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
31	Supplying, fitting, fixing and installation ordinary type M.S. gate (double leaf) of any design and shape with 38 x 38 x 6 mm M.S. angle box (made by welding 2 Nos. 38 x 38 x 6 mm angle) outer frame having 25 x 50 x 25 x 5 mm M.S. channel (made by welding 2 Nos. of angle) placed part diagonally after cutting and shaping as per requirement part horizontally @ 75 mm C/C the two part of each leaf being separated by a vertical member of 38 x 38 x 6 M.S. box and welded the each ends of diagonal and horizontal members properly with the box frame as per architectural drawing providing full locking arrangement on 3 mm thick M.S. plates providing 38 x 38 x 6 mm M.S. angle clamps, fitting fixing with the outer frame of the gate the clamp being embedded in R.C.C. pillars with cement concrete (1:2:4) including, cutting holes and mending good the damages, finishing, curing and where necessary painting two coats with approved quality of synthetic enamel paint over a coat of priming of anticorrosive paint etc. all complete including making and providing 50 x 6 mm M.S. rail and 38 mm wheel for smooth movement of the gate etc. all complete as per drawing, design and accepted by the Engineer. [Rate is excluding the cost of painting]	Sqm	32.05		
32	Supplying, fitting and fixing MORTICE door lock approved and accepted by the Engineer.	Each	08		
33	Supplying, fitting and fixing best quality heavy type 19 mm dia and to 300 mm long brass hasp bolt including cutting grooves in door shutter and frames, screws etc. all complete approved and accepted by the Engineer.	Each	08		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
34	Supplying, fitting, fixing window grills of any design made with approx. 25 x 6 mm F.I. bar including fabrication, welding, cost of electricity workshop charges, carriage, cutting grooves, mending good the damages, tools and plants etc. complete for all floors accepted by the Engineer. (Total weight per sqm should be min 21.00 kg. and add or deduct @ Tk. 113.00 for each kg. excess or less respectively)	Sqm	103.12		
35	Supplying, fitting and fixing of Aluminium sliding composite window with mosquito mesh as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification having 1.2 mm thick outer bottom (size 95.00 mm, 38 mm, 0.870 kg/m), 1.2 mm thick outer top (size 95.00 mm, 28.50 mm, 0.97kg/m), 1.2 mm thick shutter top (size 33 mm, 26.80 mm, 22 mm, 0.536 kg/m), 1.2 mm thick shutter bottom (size 60 mm, 24.40 mm, 0.736 kg/m), 1.2 mm thick outer side (size 95.00 mm, 19.50 mm, 0.738 kg/m), 1.2 mm thick shutter lock (size 49.20 mm, 26.2 mm, 0.661 kg/m), 1.2 mm thick shutter lock (size 34.40 mm, 32.10 mm, 0.665 kg/m), 1.2 mm thick mesh section (size 42.20 mm, 13.20 mm 0.460 kg/m), all aluminium members (total weight 12.79 kg) will be anodized to aluminium bronze/silver colour with a coat not less than 15 micron in thickness and density of 4 mg per square cm etc. including all accessories like sliding door key lock, sliding door wheel, sliding door mohiar, sliding door neoprene, bolts and nuts including sealants, 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. Size up to: 1524 mm x 1372 mm S.S colour	Sqm	103.12		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
36	Supplying, fitting and fixing in Aluminium door frames, windows, partitions and curtain wall distortion free glass of approved quality and shade including cost of fitting fixing all necessary accessories etc. complete in all respect as per drawing and accepted by the Engineer. 5 mm thick clear glass	Sqm	103.12		
37	Manufacturing, supplying, fitting and fixing collapsible gate of any design and shape made of 3/4" x 3/4" x 1/8" channel placed @ 112 mm c/c vertically and connecting the same with each other by 20 x 3 mm M.S flat bar scissors 525 mm/ 600 mm long provided in 3 rows including cutting the different M.S. members to required sizes, fabricating, welding, riveting with required size rivets, providing required size wheels, pulling handles on both sides, suitable locking arrangement, electrodes, grease and finally placing the same in position in between 2 (two) Nos. 50 x 50 x 6 mm M.S. Tee rail made by welding 2 Nos. 50 x 6 mm M.S. flat bar fitted and fixed at top and bottom with R.C.C. lintel/roof slab, floors and side wall with required Nos. 150 mm to 225 mm long 38 x 6 mm M.S. flat bar clamps one end welded with the gate member and the other end bifurcated and embedded in C.C. at the respective point including cutting holes and mending good the damages by pouring concrete (1:2:4) into the holes and finishing, etc complete, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting, both end carriage, including greasing, electrodes, curing etc. complete as per drawing, design and accepted by the Engineer. (Rate is excluding the cost of paint) -do- -do- Collapsible gate made of 1" x 1" x 1/8" M.S. angle as vertical member and 1" x 1/8" F.I bar as scissors.	Sqm	18.58		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
38	Supplying, fitting and fixing of rolling shutter of any design and shape made of 24 SWG G.P. sheet unit minimum 69 mm width having 10 mm and 12 mm dia circular folding at ends, rolled in machine, locked together properly to form rolling shutter, top of the shutter to be fitted with circular spring box made of 22 BWG sheet, containing best quality spring made in China, nutted with 38 mm G.I. pipe at one end and the other end nutted to shutter including fitting the G.I. pipe again with 375 x 300 x 6 mm pankha at ends with side guide channel (side channel consist of 50 x 100 x 6 mm M.S. plate with 2 x 19 x 3 mm F.I. bar, middle channel consist of 2 x 150 mm x 6 mm M.S. plate with 2 x 19 mm x 6 mm fixed to wall or column with clamps embedded in R.C.C. part by cement concrete (1:2:4) including cutting holes (minimum 3 x 25 mm x 6 mm) mending the damages, finishing, curing, bottom end of shutter fitted to folded G.P. sheet (min 125 mm width in two layers), which is again fitted to 25 x 25 x 3 mm angle, providing handle with F.I. bar 25 x 6 mm and locking arrangement in both sides, painting two coats with approved colour and brand of synthetic enamel paint over a coat of priming etc. complete in all respect accepted by the Engineer. [Rate is excluding the cost of painting]	Sqm	24.15		
39	Minimum 12 mm thick cement sand (F.M. 1.2) plaster (1:4) with fresh cement to wall both inner-and outer surface, finishing the corner and edges including washing of sand cleaning the surface, scaffolding and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer. (Cement: CEM-II/A-M) Ground floor.	Sqm	104.12		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
40	Minimum 12 mm thick cement sand (F.M. 1.2) plaster (1:6) having with fresh cement to wall both inner-and outer surface, finishing the corner and edges including washing of sand cleaning the surface, scaffolding and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer. (Cement: CEM-II/A-M)				
	a) Ground Floor.	Sqm	2292.69		
	b) 1 st Floor.	Sqm	446.54		
41	Minimum 6 mm thick cement sand (F.M. 1.2) plaster (1:4) with fresh cement to ceiling R.C.C. columns, beams, surface of stair case, sunshades, cornices, railings, drop wall, louvers, fins and finishing the corners and edges including washing of sand cleaning the surface, scaffolding and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer. (Cement: CEM-II/A-M)				
	a) Ground Floor.	Sqm	2339.46		
	b) 1 st Floor.	Sqm	108.52		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
42	<p>Manufacturing, supplying, fitting and fixing stair railing of any standard height of any design and shape with square box (2 Nos. in each tread) made by thorough welding of 2 Nos. 19 x 19 x 3 mm M.S. angle to provide hand-rail, engraving each box 150 mm in the concrete by 50 x 50 x 6 mm anchor plate at base welding 38 mm x 6 mm F.I. bar inclined plain with the top of the box to fit in the grooved wooden rail by necessary screws including cutting grooves in concrete, mending good the damages with cement concrete (1:2:4), applying first class polish to hand rail, 2 (two) coats of synthetic enamel paint of approved quality over a prime coat etc. finished in all respect for all floors and accepted by the Engineer.</p> <p>(Exposed area of railing will be considered for measurement, rate is excluding cost of hand-rail and cost of painting).</p>	Sqm	21.18		
43	<p>Supplying fitting, fixing of uPVC plastic door or window frame having specific gravity 1.35 - 1.45, and other physical, chemical, thermal, fire resistivity properties etc. as per BSTI approved manufacturer standards or ASTM, BS/ISO/IS standards fitted and fixed in brick wall/ R.C.C wall with 6 Nos. GI clamp, 4Nos inner joint GI clamp, 2 Nos. outer GI joint clamp, 16 Nos. rivet making necessary grooves and mending good the damages, finishing, curing, carriage etc complete in all respect accepted by the Engineer.</p>	Rm	50.28		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
44	Supplying, fitting, fixing of uPVC hollow or solid plastic door shutter having specific gravity 1.35 - 1.45, thickness 1.7 mm-2.2 mm, and other physical, chemical, thermal, fire resistivity properties etc. as per BSTI approved manufacturer standards or ASTM, BS/ISO/IS standards of different sizes fitted fixed with uPVC plastic door frame weighing 5.82 kg/m2 with at least 3 Nos. SS hinges by min 64 Nos. Ø 3.17 mm and 3.97 mm 12.7 mm long rivets, 12 Nos. 25.4 mm SS screws, Ø 9.38 mm, 150 mm long SS tower bolts 2 Nos., 146 mm SS handle by rivet 2 Nos., G.I inner joint 234.95 mm x 127 mm clamp, 76.2 mm x 57.15 mm, 25 mm dia 1 no SS haspbolt, special type round lock, carrying the same to the site and local carriage etc. complete in all respect accepted by the Engineer 990 mm x 2130 mm uPVC plastic shutter (solid).	Each	10		
45	French polishing to door and window frames and shutters three coats over a coat of priming including putty, cleaning finishing and polishing with sand paper etc. all complete in all floors accepted by the Engineer.	Sqm	55.00		
46	Painting to door and window frames and shutters in two coats with approved best quality and colour of synthetic enamel paint delivered from authorized local agent of the manufacturer in a sealed container, having highly water resistant, high bondibility, flexible, using specific brand thinner applied by brass/roller/spray over a coat of priming elapsing time for drying including surface cleaning from dust, oil or dirt, smoothening, finishing and polishing with sand paper and necessary tools, scaffolding, testing charges etc. all complete in all floors approved and accepted by the Engineer.	Sqm	51.56		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
47	On exterior surface applying as per manufacturer instructions 3 coat of weather coat of approved quality and colour delivered from authorized local agent of the manufacturer in a sealed container complete in all respect in all floors and accepted by the Engineer.	Sqm	1190.87		
48	Approved best quality and colour synthetic polyvinyl distemper delivered from authorized local agent of the manufacturer in a sealed container, applying to wall and ceiling in 2 coats over a coat of brand specified primer or sealer elapsing specified time for drying/ recoating matt finish including cleaning and sand papering making the surface free from loose and flaky materials, dirt, grease, wax, polish, scraping all chalked and scaled materials, applying the paint by brush/roller and necessary scaffolding etc. all complete in all floors accepted by the Engineer.	Sqm	3996.34		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
49	Constructing surface drain of 300 mm clear width and depth up to 300 mm in brick masonry with 125 mm thick check wall in cement sand (F.M. 1:2) mortar (1:6) over av. 75 mm thick cement concrete base (1:3:6) over one layer of brick flat soling. The surface having minimum 12 mm thick cement sand (F.M. 1:2) plaster (1:3) and neat cement finishing with cement curing at least for 7 days including excavation in all kinds of soil, back filling with fine sand (F.M. 0.8), consolidating and dressing, cost of water, electricity, other charges etc. complete and accepted by the Engineer.(Cement: CEM-II/A-M)	Rm	84.73		
50	Constructing surface drain of 300 mm clear width and depth up to 300 mm in brick masonry with 125 mm thick check wall in cement sand (F.M. 1:2) mortar (1:6) over av. 75 mm thick cement concrete base (1:3:6) over one layer of brick flat soling. The surface having minimum 12 mm thick cement sand (F.M. 1:2) plaster (1:3) and neat cement finishing with cement curing at least for 7 days including excavation in all kinds of soil, back filling with fine sand (F.M. 0.8), consolidating and dressing, cost of water, electricity, other charges etc. complete and accepted by the Engineer. (Cement: CEM-II/A-M)	Sqm	84.04		
				Total "A" Civil Works =	

B. BOQ for Internal Sanitary & Water Supply Works

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
1	Supplying, fitting and fixing European type glazed porcelain Combi closet, in/c plastic seat cover, cystem system, preparing the base with cement concrete and with wire mesh or rods if necessary, in all floors including making holes wherever required and mending good the damages and fitting, fixing, finishing etc. complete with all necessary fittings and connection approved and accepted by the Engineer. (BISF Item No. 118/418 or equivalent) Super Coloured, 700x370x795(+/-), 32.5 kg	Each	01		
2	Supplying, fitting and fixing Bangladesh pattern, long pan with foot-rest, made of Vitreous China and preparing the base of pan with cement mortar (1:4) and with wire mesh or rods, if necessary in all floors including making holes wherever required and mending good the damages and fitting, fixing, finishing etc. complete with all necessary fittings and connection approved and accepted by the Engineer. Super Coloured, 540x470x290 16 Kg	Each	02		
3	Supplying, fitting and fixing plastic low-down including all fittings and accessories	Each	03		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
4	Supplying, glazed vitreous W/H Wash Basin in/c pedestat approx. size 656x510x845, 26kg by weight including fitting, fixing the same in position with heavy type C.I. Brackets. 30 mm dia PVC waste water pipe with brass coupling (not exceeding 750 mm in length). 12mm plastic lead (connection) pipe with brass coupling, basin waste with chain plug including making holes in walls and floors and fitting with wooden blocks, screws and mending good the damages, finishing etc. all complete approved and accepted by the Engineer. Superior Coloured	Each	07		
5	Supplying, fitting and fixing of 450 x 600 mm size and 5 mm thick unframed super quality mirror with hard boards at the back with all necessary fitting including making holes in walls and mending good the damages with cement mortar (1:4) etc. all complete approved and accepted by the Engineer. (Made in Japan or equivalent)	Each	06		
6	Supplying, fitting and fixing super quality 600 x 125 mm coloured glass (plate) shelf having 5 mm thickness with fancy C.P. brackets, screws and frames including making holes in walls and mending good the damages with cement mortar (1:4) etc. all complete approved and accepted by the Engineer.	Each	06		
7	Supplying, fitting and fixing super quality C.P. Towel rail of 600 mm long and 20 mm in dia with C.P. holder including making holes in walls and mending good the damages with cement mortar (1:4) etc. all complete approved and accepted by the Engineer.	Each	06		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
8	Supplying, fitting and fixing of special coloured toilet paper holder Size (150 mm x 150 mm x 126 mm) including making holes in walls and mending good the damages with cement mortar (1:4) etc. all complete approved and accepted by the Engineer. Color : depth along wall 155	Each	05		
9	Supplying, fitting and fixing standard size soap tray including making holes in walls and mending good the damages with cement mortar (1:4) etc. all complete approved and accepted by the Engineer. Porcelain soap tray (coloured)	Each	07		
10	Supplying, fitting and fixing 125 mm dia stainless steel floor grating in traps or in drains including making holes in walls/floors and mending good the damages with cement mortar (1:4) etc. all complete approved and accepted by the Engineer.	Each	10		
11	Supplying 100 mm inside dia best quality uPVC soil, waste and ventilation pipe having specific gravity 1.35-1.45, wall thickness 3.4- 4.0 mm, and other physical, chemical, thermal, fire resistivity properties etc. as per BSTI approved manufacturer standards or ASTM, BS/ISO/IS standards fitted and fixed in position with sockets, bends, with all accessories such as Round grating/domed roof grating bands, sockets etc. approved and accepted by the Engineer (length: 6000 mm each).	Rm	85.33		
12	Supplying 150 mm inside dia best quality uPVC soil, waste and ventilation pipe having specific gravity 1.35 - 1.45, wall thickness 4.5 mm - 5.2 mm, and other physical, chemical, thermal, fire resistivity properties etc. as per BSTI approved manufacturer standards or ASTM, BS/ISO/IS standards fitted and fixed in position with sockets, bends, with all accessories such as Round grating/domed roof grating bands, sockets etc. approved and accepted by the Engineer (length: 6000 mm each).	Rm	22.85		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
13	Supplying 100 mm inside diameter best quality uPVC rain water down pipe fitting, fixed in position with head and shoes, bends, min.20 mm width F.I. Bar clamp and nails, and including all accessories such as round grating/domed roof grating bands, sockets approved and accepted by the Engineer.	Rm	106.67		
14	Supplying, fitting and fixing G.I. pipe conforming to the stanard BS-1387 & bds-1031, having chemicl composition (in%) Carbon 0.17-0.25, Manganese 0.95.-1.20, Sulphur 0.060 max, Phosphorous 0.060 max, Tensile properties: mimium Yield Strength 188 MPa, minimum Tensile Strength 313 MPa and Marking for a) Manufacturer b) Material c) Wall thickness d) Nominal outside dia e) Intended use etc. on the body of the pipe with all special fittings, such as bends, elbows, sockets, reducing sockets, tee, unions, jam-nuts etc. including cutting trenches where necessary and fitting the same with earth duly rammed and fixing in walls with holder bats and making hole in floors, walls and consequent mending good the damages etc. all complete in all respects approved and accepted by the Engineer. (Pipe Manufactured by National Tubes Limited under Steel & Engineering Corporation, Ministry of Industries, Government of Bangldesh shall be given priority)				
	a) 25 mm dia G.I. pipe with wall thickness 3.25 mm, outside diameter min 33.3 mm, weight 2.59 kg/m, can withstand min 50 kg/cm2 hydraulic pressure.	Rm	153.91		
	b) 40 mm dia G.I. pipe with wall thickness 3.25 mm, outside diameter min 47.9 mm, weight 3.83 kg/m, can withstand min 50 kg/cm2 hydraulic pressure.	Rm	25.90		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
15	Supplying different inside dia best quality uPVC pressure pipe C-Grade/having density 1350 kg/m ³ capacity 0.2% of visible light as per ISO 7686, minimum required strength 25 MPa conforming to BDS-1:2013,4.4.1,4.4.2 for water supply having specific gravity 1.35 - 1.45, and other physical, chemical, thermal, fire resistivity properties etc. as per BSTI approved manufacturer standards or ASTM, BS/ISO/IS standards fitted and fixed in position with sockets, bends, with all accessories such as Round grating/domed roof grating, bends, sockets etc. approved and accepted by the Engineer. (length: 6000 mm each)				
	a) 12 mm dia wall thickness 2.8 mm - 3.3 mm	Rm	103.00		
	b) 19 mm dia wall thickness 2.9 mm - 3.4 mm	Rm	86.55		
16	Supplying, fitting and fixing best quality G.I. gate valve with sealant etc. complete approved and accepted by the Engineer.				
	a) 25 mm brass gate valve	Each	05		
	b) 40 mm brass gate valve	Each	02		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
17	Supplying different inside dia best quality uPVC pressure waste pipe having specific gravity 1.35 -1.45, wall thickness 2.7 mm - 3.4 mm, and other physical, chemical, thermal, fire resistivity properties etc. as per BSTI approved manufacturer standards or ASTM, BS/ISO/IS standards, fitted and fixed in position with sockets, bends, with all accessories such as Round grating/domed roof grating bands, sockets etc. complete approved and accepted by the Engineer.				
	a) 100 mm dia uPVC 'P' or 'S' trap	Each	06		
	b) 50 mm dia uPVC Y or T - Y Cleanout	Each	48		
18	Supplying, fitting and fixing best quality faucets etc. complete approved and accepted by the Engineer 12 mm CP bib cock	Each	10		
19	Supplying, fitting and fixing medium best quality CP pillar cock etc. complete approved and accepted by the Engineer 12 mm CP special heavy duty pillar cock	Each	07		
20	Supplying, fitting and fixing best quality concealed fixed sink cock etc. complete approved and accepted by the Engineer 12 mm CP Concealed fixed cock	Each	10		
21	Supply and fitting-fixing cleansing shower for ablution including holder of following types: Fixed type 100 mm CP shower rose	Each	03		
22	Supply and fitting-fixing hand / push shower for ablution including holder Moving type push shower	Each	01		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
23	Supplying, fitting fixing of food grade plastic overhead water reservoir tank including all necessary fittings, hardware and consumables etc. all complete approved and accepted by the Engineer. 2000 liter capacity	Each	06		
24	Construction of masonry inspection pit with 250 mm thick brick work in cement mortar (1:4) including necessary earth work, side filling and one layer brick flat soling, 75 mm thick (1:3:6) base concrete for making invert channel and 12 mm thick (1:2) cement plaster with neat finishing etc. all complete up to a depth of 700 mm approved and accepted by the Engineer. Clear 450 x 450 mm and depth 450 to 600 mm, average 525 mm for single 150 mm dia R.C.C. pipes and 400 mm PVC pipe.	Each	06		
25	Construction and placing of R.C.C. inspection pit cover (slab) in (1:2:4) with 1% reinforcement excluding M.H. cover with locking/unlocking arrangement including necessary earth work, side filling shuttering, curing, cement plaster (1:4) with neat finishing on edges and top etc. all complete approved and accepted by the Engineer. 900 x 900 x 75 mm R.C.C. pit cover	Each	08		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
26	Construction of septic tank of different sizes with walls of brick work in cement mortar (1:6) having a lining of minimum 125 mm R.C.C cast against the walls as per approved type plan over a brick flat soling and 150 mm thick reinforced cement concrete flooring (1:2:4) with 125 mm thick walls in partition and 12 mm thick cement plaster (1:4) with N.C.F. to insides of walls on floor and all around outside walls by 18" height at top including supplying fitting and fixing of two R.C.C. Tees and providing 450 mm dia water sealed heavy type C.I. manhole cover with locking/unlocking arrangement and 100 mm thick R.C.C (1:2:4) top slab, including centering, shuttering, fabricating, casting and curing etc. complete up to required depth including necessary earth work in excavation and shoring, bailing out water and side filling including the cost of all materials, operations and incidental charges. etc. all complete as per type plan approved and accepted by the Engineer. (Rate is including cost of reinforcement and its fabrication, binding and placing) For 100 users	Each	01		
27	Construction of soak well of different sizes (medium and large sizes) with 250 mm thick solid brick work and 250 mm honey comb brick work with cement mortar (1:6) as per design over R.C.C. (1:2:4) well curb with 1% reinforcement up to the depth as per drawing with 450 mm dia water sealed heavy type. C.I. manhole cover with locking arrangement, filling the well up to the required depth with graded khoa and sand including supplying and fabricating M.S. Rod, casting, curing including necessary earth work in excavation, side filling and bailing out water including cost of all materials etc. all complete as per drawing, design approved and accepted by the Engineer. (Rate is including cost of reinforcement and its fabrication, binding and placing) 100 users	Each	01		
				Total "B" Internal Sanitary & Water Supply Works =	

C.BOQ for Internal Electrification Works

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
1	<p>Concealed conduit wiring for following point looping at the switch board with earth terminal including circuit wiring with IC-2x2.5 sq.mm PVC insulated and sheathed stranded cable (BYM) & 1.5 sq.mm PVC insulated green/white coloured ECC wire (BYA) through PVC conduit of reputed manufacturer of minimum 25 mm dia & 1.5 mm wall thickness complete with 18 SWG GP sheet, switch board and pull box with 3mm thick ebonite sheet cover,5 amps. piano switch, ceiling rose, fixing materials 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 relevant IEC/BDS/BS/VDE standards and as per detailed specification mentioned in Annexure-A. The work shall be carried out as per direction/approval/acceptance of the Engineer.(Instructor room, Mail & Fenake tilet, Lobby)</p> <p>Cables manufactured by Paradise / BRB or any other company(s) having valid test certificate from Internationally accredited Laboratory accepted/approved by the Engineer.</p>				
	i) Light / Exhaust or wall bracket Fan Point	Points	47		
	ii) Fan Point	Points	04		
	iii) Call Bell Point with bell push (instead of Switch)	Points	02		
	iv) 2-Pin 5 amps. Socket point (outlet) with control switch on switch board	Points	06		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
2	<p>Concealed conduit wiring with following PVC insulated and sheathed stranded cable (BYM) & PVC insulated green/white coloured ECC wire (BYA) through PVC conduit of reputed manufacturer complete with 18 SWG GP sheet and pull box with 3mm thick ebonite sheet cover, fixing materials 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 relevant IEC/BDS/BS/VDE standards and as per detailed specification mentioned in Annexure-A. The work shall be carried out as per direction/approval/acceptance of the Engineer.(For point wiring of Cotton & Jute shed)</p> <p>Cables manufactured by Paradise / BRB or any other company(s) having valid test certificate from Internationally accredited Laboratory accepted/approved by the Engineer. (Light Point 54+ Fan point 36) = 90 Point. Per point 14.00 Meter =1260 meter + W.T 100 meter = 1360 Meter</p>				
	i) 1C-2x1.5 sq.mm. (BYM) cable with 1.5 sq.mm (BYA) ECC wire through PVC pipe of minimum inner dia 16 mm having wall thickness of 1.5 mm (Point Wiring)	Meter	1360.00		
	ii) 1C-2x2.5 sq.mm. (BYM) cable with 2.5 sq.mm (BYA) ECC wire through PVC pipe of minimum inner dia 16 mm having wall thickness of 1.5 mm(for power)	Meter	330.00		
	iii) 1C-2x6.0 sq.mm. (BYM) cable with 6 sq.mm (BYA) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.5 mm (MDB to SDB)	Meter	150.00		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
3	<p>Providing & laying of the following PVC insulated & sheathed cable (NYY) / XLPE insulated & PVC sheathed cable (2XY) with PVC insulated green/white coloured ECC wire (BYA) connecting at both ends, through PVC pipe & accessories in the following manner: 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 relevant IEC/BDS/ BS/ VDE standards and as per detailed specification mentioned in Annexure-A. The work shall be carried out as per direction/approval/acceptance of the Engineer.</p> <p>In kutchra ground by cutting 45.70 cm width x 91.40 cm depth trench with necessary brick or tile protection and mending the damages good by refilling trench with proper compaction; In pucca floor through PVC pipe by cutting trench of necessary size and mending the damages good by brick soling, 75 mm (1:2:4) CC work with neat cement finishing etc.</p> <p>Cables manufactured by Paradise / BRB or any other company(s) having valid test certificate from Internationally accredited Laboratory accepted/approved by the Engineer.</p>				
	(a) 1C-4 x 35 sq.mm (NYY/2XY) with 16 sq.mm (BYA) ECC wire through PVC pipe of minimum inner dia 50 mm having wall thickness of 2.5 mm				
	i) In kutchra ground	Meter	10.00		
	ii) In pucca floor	Meter	40.00		
	(b) 1C-4x70 sq.mm (NYY/2XY) with 35 sq.mm (BYA) ECC wire through PVC pipe of minimum inner dia 65 mm having wall thickness of 2.5 mm				

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
	i) In kutchra ground	Meter	70.00		
	ii) In pucca floor	Meter	20.00		
4	<p>Providing & fixing 250V, 50 Hz grade following concealed type sub-distribution board made of 18-SWG MS sheet complete with hinged type door, built-in type locking arrangement, one no. 60 A capacity bus-bar with required no. of holes thereon on insulators at both ends, copper blocks for neutral and earth terminal, SPMCBs manufactured and tested in accordance with relevant IEC/VDE/NEMA/BS/JIS standard having minimum breaking capacity 6/10-KA with thermal over current and instantaneous electromagnetic short ckt. release, necessary arrangement for fixing of MCBs in/c stove enamel/gray hammer painting of board etc.</p> <p>With SPMCB's of ABB/ Havells/Legrand/ Merlin Gerin/KORPS/ Kawamura/HAGER or equivalent brand accepted/approved by the Engineer.</p> <p>(a) 6-way SPDB incoming : 1x40A DPSPMCB outgoing: 6x5-10A SPMCB</p>	Each	06		
5	<p>Providing and fixing 500v 3-PHASE BUSBAR system assembled in 18 SWG M.S. board having the following components and specifications in/c arrangement of cable/wire connection, hinged type top cover, two coats gray hammer painting over anti-corrosive coat etc. on prepared board/wall.</p>				

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
	<p>(a) 200 Amps.BUSBAR system 1. Copper flat bar(5nos): 4 nos 9"x1"x3mm and 1 no 4"x1"x3mm for earthing mounted on insulator at both ends individually. Equal size of hole on bar at 0.5" interval 2"-3" gap between each bar 2. Bus-bar chamber : Size 13"x13"x8" made of 18SWG MS sheet with hinged type door and locking arrangement enclosure complete with porcelain insulators complete</p>	Each	01		
	<p>(b) 400 Amps.BUSBAR system 1. Copper flat bar(5nos): 4 nos 18"x1"x3mm and 1 no 4"x1"x3mm for earthing mounted on insulator at both ends individually. Equal size of hole on bar at 0.5" interval 2"-3" gap between each bar 2. Bus-bar chamber : Size 24"x24"x8" made of 18SWG MS sheet with hinged type door and locking arrangement enclosure complete with porcelain insulators complete</p>	Each	01		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
6	<p>Supplying and fixing of Almirah type 18 SWG metal board of depth 228mm(9")duly painted with gray hammer paint on out side and enamel paint in inside surfaces having built in push type locking arrangement including metal bridges of suitable size for fixing of all electrical control devices complete with suitable anchoring arrangement in wall/column and keeping provision for cable inlets and exits as required (only front surface of the board will be considered for measurement). (5'-0"x4'-0")x1, (4'-0"x3'-0")x1 (Manufactured by RECO or equivalent product of any other manufacturer) Do -do- with water tight arrangement</p>	Sqm	2.97		
7	<p>Supplying of 415V, 3 phase, 50Hz following capacity Control Circuit Breaker feeder unit as per following specification with thermal overcurrent & instantaneous electromagnetic short-circuit release manufactured and tested as per NEMA/IEC/VDE/BS/JIS standards (adjustable type above 100A rating) for sub-station L.T panel. Rated operating voltage: 220-690 V, Rated insulation voltage 690 volt Rated impulse withstand voltage 6 KV Utilization Category: A or B 250A (35KA) TPMCCB ABB /Hager /Legrand /Merlin Gerin or equivalent accepted/approved by the Engineer.</p>	Each	01		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
8	<p>Providing & fixing on a prepared board 500 volt grade following Triple-pole moulded case Circuit Breaker (TPMCCB) with thermal over-current and instantaneous electromagnetic short circuit release provision, manufactured and tested in accordance with relevant IEC/ VDE/NEMA/BS/JIS standards.</p> <p>TPMCCB of ABB / AEG /DORMAN SMITH/ LEGRAND/ Schneider/ Eaton / MEM/MERLIN GERIN /VITZRO/ Kawamura or equivalent approved by the Engineering-in-Charge.</p> <p>i) 100 Amps. (Minimum 10-KA)</p>	Each	02		
9	<p>Providing & fixing on a prepared board 250 volt grade following single pole miniature circuit Breaker (SPMCBS) having minimum breaking capacity 6-KA with thermal over-current and instantaneous electromagnetic short circuit release provision.</p> <p>SPMCBS of DORMAN SMITH / MEM / SIEMENS/Schneider or equivalent brand accepted/approved by the Engineer.</p> <p>40 Amps.</p>	Each	06		
10	<p>Providing & fixing 250 volt, single phase, 3-pin, 13/15/16 amps. Combined switch socket outlet (concealed type) manufactured and tested in accordance with relevant IEC/ VDE/NEMA/BS/JIS standards.mounted on required size 18 SWG galvanized plain sheet board of 76.2 mm. (3") depth.</p> <p>Socket Outlets of MK/MEM/ HAGER/ Legrand/ Schneider/ABB or equivalent brand accepted/approved by the Engineer.</p>	Each	22		
11	<p>Providing & fixing ding dong 250 V grade call bell on prepared board including required length of PVC twin flexible cord, 25 watt bulb, brass batten holder etc. complete.</p>	Each	02		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
12	<p>Earthing the electrical installation with 40 mm. (1.5") dia G.I. pipe (Earth electrode) having 6.35 mm. dia hole across the pipe at 305 mm. interval securedly bonded by soldering with 2 nos.of No2 SWG HDBC earth leads with its protection by 20 mm. (3/4") dia G.I. pipe up-to plinth level run at a depth of 609.6 mm. (2 ft.) below G.L.up-to main board to be earthed including necessary connecting copper sockets, bolts, nuts, etc. complete for maintaining earth resistance within 1 ohm.</p> <p>Depth of bottom of main electrode at 6858 mm. (22.5 ft) from GL & length of electrode 6096 mm. (20 ft).</p>	Set	02		
13	<p>Supplying & fixing AC capacitor type ceiling fan (without regulator) of following specifications and sizes complete with minimum 305 mm. (1 ft) long down rod, blades, capacitor canopy, etc. connecting PVC wire complete as required .</p> <p>Rated voltage : 220 volts Rated frequency : 50 Hz Rated speed : 300 rpm \pm 10 % Service Value : Minimum 2.80 m³/ min/watt Temperatur Rise : Maximum 70°C Class of Insulation : Class-E 1422.4 mm. (56") Sweep SEC Gold /BRB Lovely /Superstar peimium /Jamuna SuperDeluxe or equivalent brand accepted/approved by the Engineer. Input Power : Max 80 watt</p>	Each	38		
14	<p>Supply and installation of electronics fan regulators comprising of standard component having noise suppression circuit and total loss in the regulator not exceeding 0.4 watt suitable for 220 10% volt AC single phase 50 Hz manufactured by Micro Electronics Ltd. or equivalent foreign made complete as required as per sample accepted/approved by the engineer.</p> <p>Supplying & fixing of best quality Inductive type Fan Regulator</p>	Each	38		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
15	Providing & fixing U type fan clamp made of 15.87 mm. (5/8") dia MS rod as per sample approved by the Engineer.	Each	38		
16	Providing & fixing the Fancy single bracket light fitting of following manufacturers (as per picture No.2.16) consisting of designed glass shade of breadth 150mm, minimum total height of fitting 200mm, golden or oxidized or chromium plated brass bracket with carrier, brass holder, earth terminal, necessary wiring with 2 x 0.4 sq.mm stranded PVC insulated flexible FRcable etc. complete (except lamp) of following model & as per sample approved by the Engineer. Asha cat No. ACSBS-3778 G 529 GB or Crescent cat No. CB-431-592 FR or Gloria cat No. GWB-1501-2101 FR or equivalent approved by the Engineering-in-Charge	Each	12		
17	Providing & fixing the Fancy double bracket light fitting of following manufacturers (as per picture No.2.14) consisting of designed frosted 2 nos. glasses shade of breadth 266mm (out to out of one glass to other), minimum total height of fitting 260mm, oxidized or chromium plated/ golden brass bracket with carrier, brass holder, earth terminal, necessary wiring with 2 x 0.4 sq.mm stranded PVC insulated flexible FRcable etc. complete (except lamp) of following model & as per sample accepted/approved by the Engineer. Asha cat No. ACSBD-3104 G 529 G or Crescent cat No. CB-540(2)-584-FR or Gloria cat No. GWB-1608-2105 FR or Shwash cat No. SCDB 394 -TTG or equivalent product.	Each	04		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
18	<p>Providing & fixing the Special type W.T light fitting of following manufacturers (as per picture No.6.3) consisting of powder coated aluminium sheet body of min. dia 279mm, cast aluminium base, suitable U- type glass cover, (minimum total height of fitting 370mm) G.I wire net guard, brass holder, earth terminal, necessary wiring with 2 x 0.4 sq.mm stranded PVC insulated flexible FR cable etc. complete (except lamp) of following model & as per sample accepted/approved by the Engineer. Asha cat No. ACSBF(WT) 520 (NET) or Crescent cat No. CML- 26 or Gloria cat No. GWT-706 or Shwash cat No. BF(WT)- 6B or Anyasha cat No. ACRL-2003 or equivalent product.</p>	Each	15		
19	<p>Providing & fixing the 1 x 4' x 40 watt fluorescent tube light fitting of following manufacturers (as per picture No. 12.1) consisting of powder coated 22 SWG sheet steel frame of min. length 1226mm & breadth 60mm, superior quality electronic ballast with one year guarantee, holder, necessary wiring with 2 x 0.4 sq mm PVC insulated (stranded) flexible FR wire, earth terminal etc. complete (except lamp) of following model & as per sample accepted/approved by the Engineer. Ceiling / wall mounted type :- Asha cat No. ACSTLS 335 x 1x 40 watt or Anyasha cat No. ACTLS 81 x 1 x 40 watt or Crescent cat No. CSTLS-7 x1 x 40 watt or Gloria cat No. GTF- 751 x 1x 40 watt or Shwash cat No. SCTF- 1x 1 x 40 watt or equivalent product.</p>	Each	08		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
20	<p>Providing & fixing the 2 x 4' x 40 watt industrial type Fluorescent tube light fitting of following manufacturers(as per picture No.12.5) consisting of powder coated 22 SWG sheet steel frame of min. length 1226mm & breadth247mm, superior quality electronic ballast with one year guarantee, holder, necessary wiring with 2 x 0.4 sq mm PVC insulated (stranded) flexible FR wire, earth terminal etc.& to be suspended with double brass chain / 12.7 mm dia oxidized / chromium plated brass pipe of about 450 mm length, complete (except lamp) of following model & as per sample accepted/approved by the Engineer.</p> <p>Ceiling / wall mounted type :- Asha cat No. ACSTLS 330 x 2x 40 watt or Anyasha cat No. ACTLS 98 x 2x 40 watt or Crescent cat No. CTLS- 8 x2 x 40 watt or Gloria cat No. GTF- 758 x 2 x 40 watt or Harmonics cat No. HPL-ITLF236 or Shwash cat No. SCTF- 12/78 x 2x 40 watt or equivalent product.</p>	Each	46		
21	<p>FLUORESCENT LAMP (230V/250V, 50Hz)(Eastern/GE/ Philips/ Osram/Rangs/ Transtec/ Energy+ /Superstar or Equivalent approved by the E/Charge) 4'-36 Watt tube lamp</p>	Each	102		
22	<p>ENERGY SAVINGS LAMP(CFL) (230V/250V, 50Hz) (Osram/ Philips /Energypac/ Corona/Havells/ GE Edision/ Prodip/ MEP/ Metro / Harmonics (China) /Superstar / Energy + or Equivalent approved by the Engineering-in-Charge.) 23 watt Spiral Type lamps B-22</p>	Each	47		

SL No	Description of Items	Unit	Quantity	Quoted Rate in Taka (Both in figure and in Words)	Amount (Taka)
1	2	3	4	6	7
23	M.S pipe Size: 20'-0" length, 3/4" dia & 1.7 mm thickness. (For Fan)	Meter	116.00		
24	Supply fitting and fixing ½" dia Stainless steel pipe. (For Double Tube)	Meter	280		
25	MISCELLANEOUS ITEMS (Dynamic (Deil)/MEP (Nice)/Semel)/ METRO/Super star or equivalent brand accepted/approved by the Engineer)				
	a) Piano Type Switch	Each	148		
	b) Ceiling Rose	Each	96		
				Total "C" Internal Electrification Works =	

D. ABSTRACT OF COST

Name of Work: Construction of Weaving & Dyeing Building (1 Storied Building with 3 Storied Foundation) in/c. Internal Sanitary & Water Supply and Internal Electrification Work under “Establishment of Gournadi Textile Institute” Project at Barisal.

Name of Sub-Head		Amount
A =	Civil Works.	= Tk.
B =	Internal Sanitary & Water Supply works	= Tk.
C =	Internal Electrification Works	= Tk.
Grand Total (A+B+C)		= Tk.
In Word :-		

Section 7. General Specifications

Notes on Specifications

A set of precise and clear specifications is a prerequisite for Tenderers to respond realistically and competitively to the requirements of the Procuring Entity without introducing deviations or conditionalities in their Tenders. In the context of national competitive Tendering, the specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the works to be procured. Only if this is done will the objectives of economy, efficiency, and fairness in procurement be realized, responsiveness of Tenders be ensured, and the subsequent task of Tender evaluation facilitated. The specifications should require that all goods and materials to be incorporated in the Works be new, unused, of the most recent or current models, and incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

Samples of specifications from previous similar projects are useful in this respect. Most specifications are normally written specially by the Procuring Entity or Project Manager to suit the Contract Works in hand. There is no standard set of Specifications for universal application in all sectors, but there are established principles and practices, which are reflected in these documents.

There are considerable advantages in standardizing General Specifications for repetitive Works in recognized public sectors, such as highways, ports, railways, urban housing, flood control, drainage and irrigation, and water supply, where similar conditions prevail. The General Specifications should cover all classes of workmanship, materials, and equipment commonly used in construction, although not necessarily to be used in a particular Works Contract. Deletions or addenda should then adapt the General Specifications to the particular Works. Such General Specifications are those issued by the specialised ministries/professional bodies in Bangladesh and/or those of the International Standards Organisation (ISO)

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for goods, materials, and workmanship, recognized national standards should be used as much as possible. Where other particular standards are used the specifications should state that goods, materials, and workmanship that meet other authoritative standards, and which ensure substantially equal or higher quality than the standards mentioned, will also be acceptable.

Provision as such be kept that wherever reference is made in the Contract to specific standards and codes to be met by the goods and materials to be furnished, and work performed or tested, the provisions of the latest current edition or revision of the relevant standards and codes in effect shall apply, unless otherwise expressly stated in the Contract.

THESE NOTES FOR PREPARING SPECIFICATIONS ARE INTENDED ONLY AS INFORMATION FOR THE PROCURING ENTITY OR THE PERSON DRAFTING THE TENDER DOCUMENT AND SHOULD NOT BE INCLUDED IN THE FINAL TENDER DOCUMENT.

Section 8. Particular Specifications

Notes on Particular Specifications

If an item of the Works is not covered in the General Specifications or if any specification clause requires that further details as to precise requirements for the particular Works are to be given or needs to be modified or clarified then these should be according to:

1. Bangladesh National Building Code 2006
2. Public Works Department Code (PWD Code)