

Technical Evaluation
Submittal Documents Analysis & Study Report

FOR

“Construction Of Structural works of 3 storied with a Semi basement Academic Building For Asian University For Women, Pahartoli, Chattogram”.

Tender Issue Date: 17TH Feb, 2022.

April, 2022

Name Of The Project :

Construction Of Structural works of 3 storied with a Semi basement Academic Building For Asian University For Women, Pahartoli, Chattogram”.

Procedures for Evaluation of Tenders

Stage I – Preliminary Examination of Tenders, and Detailed Examination of the Tenderers’ Technical Submission to determine Responsiveness of Tenders . Tenders which fulfilled the full requirements of the Tender Documents as summarized in Stage I will be considered Substantially Responsive and will progress to Stage II.

An evaluation on the Submitted report by TEC (Technical Evaluation Committee) , has been done with the following expert team members :

1. Eng. Shamsul Alam
B. Eng (Civil), BUET .
40 yrs Of Experience As Structural Engineer.

2. Architect Nazli Hussain
USGBC Faculty, U.S. Green Building Council.
B. Arch (BUET).
14 yrs Of Experience As Sustainable Architect.

3. Eng. Mamun Ferdous
B. Eng (Mech), BUET.
15 yrs Of Experience As Mechanical Engineer.

Stage II – Financial Evaluation of Tenders Substantially Responsive Tenders will be subjected to a Financial Evaluation (Will be done after current stage – I)

Stage I – Examination of Tenders and Determination of Responsiveness

The following checks were applied at the examination of Tenders and Determination of Responsiveness:

(a) Verification:

Attention was directed toward deficiencies that, Simple omissions or mistakes occasioned by human error were ignored and were not grounds for rejection of Tenders. Tenders were checked for validity and signatures of authorized persons authenticated. Tenderers in joint venture were checked for joint venture agreement. All copies of the Tender were compared with the original and corrected accordingly, where necessary.

(b) Eligibility:

The Tenderers and related goods and services were checked for nationality or a juridical entity from an eligible source country. In the case of plant and equipment, this eligibility test was applied only to the finished product offered in the Tender and to its major and clearly identifiable components. The Tenderer (including all members of a joint venture and subcontractors) were checked for any relationship with the firm that has provided related consulting services on the project.

(c) Tender Security:

The Tender security was checked for conformity to the requirements in terms of validity and amount. The Tender security was checked for consistency with the wording of the Tender security form provided in the Tender Documents. Copies of the Tender security or submissions of a counter guarantee were rejected.

(d) Completeness of Tender:

Tenders were checked for completeness of required items and documentation. Tenders were checked for any erasures, interlineations, additions, or other changes that have been made and verified that they were appropriately initialed by the Authorized Representative. Deviations were treated as material or minor deviations.

(e) Technical Compliance:

Tenders were further examined to determine whether the Tenderers submitted the necessary Technical Offer as specified in Tender Documents to demonstrate their adequacy to meet the work requirements and completion time.

This involved examination of the following:

- 1 . Company Enlistment Documents
2. Article of Memorandum
3. Trade License
4. VAT & TIN Certificate
5. Valid ISO Certificate
6. Electrical ABC and Supervisory License
7. General Experience
8. Specific Experience
9. List of Ongoing Project
10. Average annual Construction Turnover
11. Working Capital or Credit Facilities
12. Tender Capacity
13. Bank Solvency Certificate
14. Personnel List
15. Equipment List

We have checked & verified the Tenderer Qualifications, upon the submitted documents:

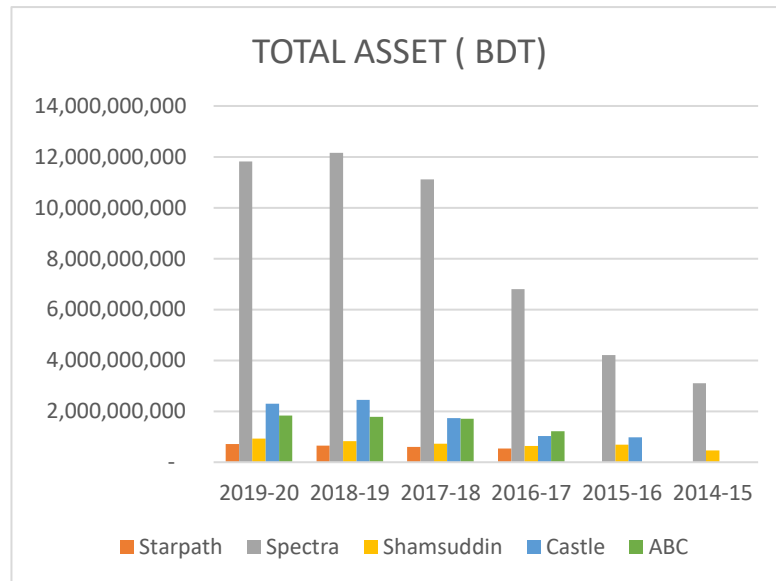
CHECKLIST OF TECHNICAL TENDER SUBMISSION REQUIRED ITEMS

SL #	ITEM	STARPATH	SPECTRA	SHAMSUDDIN	CASTLE	ABC
A	Tender Technical offer Submission Letter (Form PWD3A-1a)	ok	ok	ok	ok	ok
B	Tender Document Purchase Receipt			ok	ok	
C	Bank Guarantee for Tender Security (Form PW3A-6)	1,00,00,000		1,00,00,000	1,00,00,000	1,00,00,000
D	Tender Validity Period				120 Days	
E	Declaration of Litigation History			ok	ok	
F	Power of Attorney with minutes		ok	ok	ok	
G	Tender Information Sheet (Form PW3A-2)	ok	ok	ok	ok	ok
	1 . Company Enlistment Documents	ok	ok	ok	ok	ok
	2. Article of Memorandum	ok	ok		ok	ok
	3. Trade License	ok	ok	ok	ok	ok
	4. VAT & TIN Certificate	ok	ok	ok	ok	ok
	5. Valid ISO Certificate			ok	ok	
	6. Electrical ABC and Supervisory License	ok	ok	ok	ok	ok
	7. General Experience	14 years	15 years	64 years	10 years	20 years
	8. Specific Experience	14 years	15 years	15 years	5 years	20 years
	9. List of Ongoing Project			9	6	ok
	10. Average annual Construction Turnover	A. R.2018--2020	2020--2016	A.R.2015--2020	A.R.2016 --2020	A.R.2017--2021
	11. Working Capital or Credit Facilities	20,00,00,000	30,00,00,000	10,00,00,000	c.c.20,00,00,000	130,00,00,000
	12. Tender Capacity			134.47 crore	348,47,52,227	
	13. Bank Solvency Certificate			ok	ok	ok
	14. Personnel List	ok	ok	ok	ok	ok
	15. Equipment List	ok	ok	ok	ok	ok
H	Site Organization Plan	ok	ok	ok	ok	ok
I	Details of works plan with Bar Chart	ok	ok	ok	ok	ok
J	Detailed Statement of work Methodology	ok	ok		ok	ok
K	Amendment of Clarification	ok	ok	ok	ok	ok
L	Tender Document (duly sealed & signed)					
M	Name of ongoing Project	ok		ok	ok	ok
N	Completion Project Certificate	11	100	13	7	39

We have also checked the Summary Of Project Evaluation by TEC. The analysis is described as following:

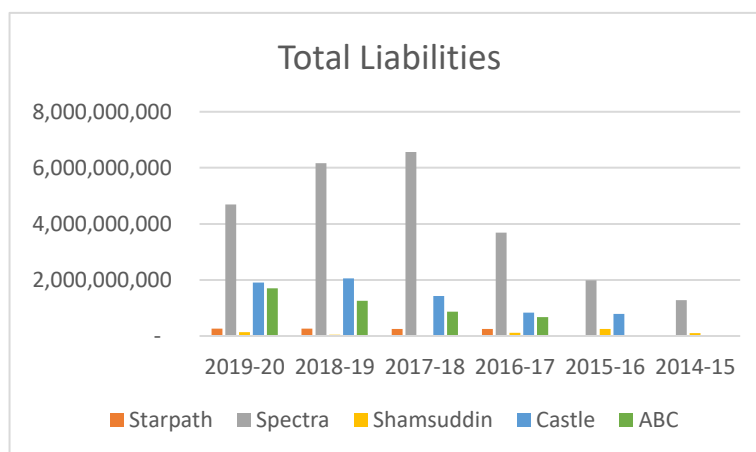
Total Assets (BDT)

Company Name/Year	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15
Starpath	711,090,721	656,139,843	600,965,284	542,594,558		
Spectra	11,817,377,435	12,157,429,772	11,111,493,467	6,802,186,041	4,205,721,231	3,098,385,779
Shamsuddin	930,306,325	832,555,460	732,498,570	645,101,366	683,416,043	459,101,412
Castle	2,303,418,135	2,452,219,954	1,729,055,327	1,027,959,720	974,147,513	
ABC	1,838,440,401	1,777,492,385	1,709,954,573	1,213,719,579		



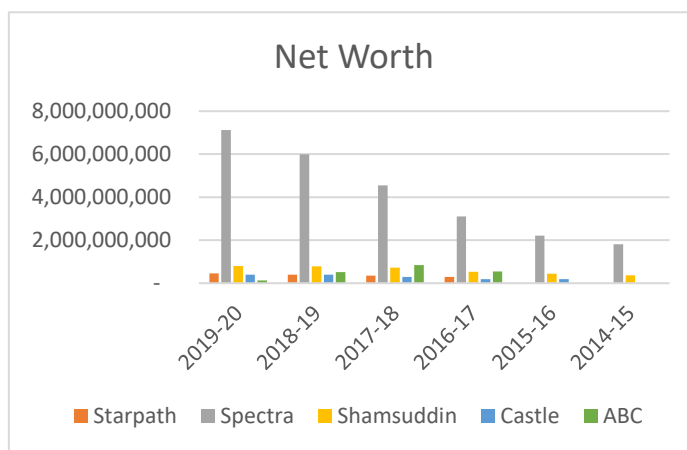
Total Liabilities (BDT)

Company Name/Year	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15
Starpath	258,500,094	259,842,035	256,185,035	247,630,870		
Spectra	4,695,592,430	6,166,337,133	6,570,208,599	3,690,274,308	1,988,941,638	1,282,183,582
Shamsuddin	132,387,775	42,285,730	15,835,955	115,493,948	248,890,616	98,656,005
Castle	1,905,310,600	2,056,429,485	1,431,553,366	833,865,938	793,318,549	
ABC	1,706,680,478	1,257,721,316	872,040,216	674,109,770		



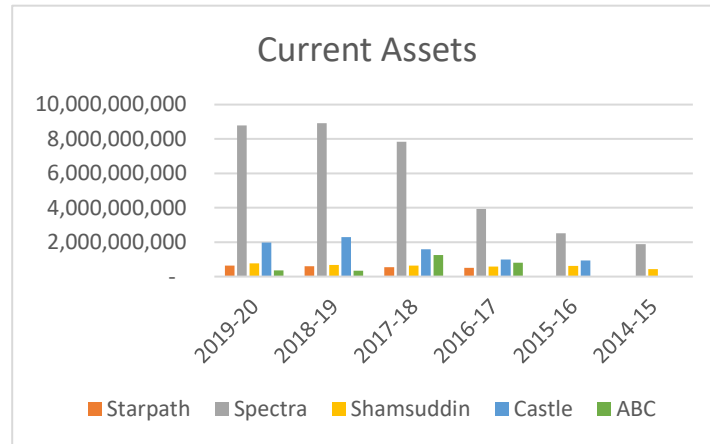
Net Worth (BDT)

Company Name/Year	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15
Starpath	452,590,627	396,297,808	344,780,249	294,963,688		
Spectra	7,121,785,005	5,991,092,639	4,541,284,868	3,111,911,733	2,216,779,593	1,816,202,197
Shamsuddin	797,918,550	790,269,730	716,662,615	529,607,418	434,525,427	360,445,407
Castle	398,107,535	395,790,469	297,501,961	194,093,782	180,828,964	
ABC	131,759,923	519,771,069	837,914,357	539,609,809		



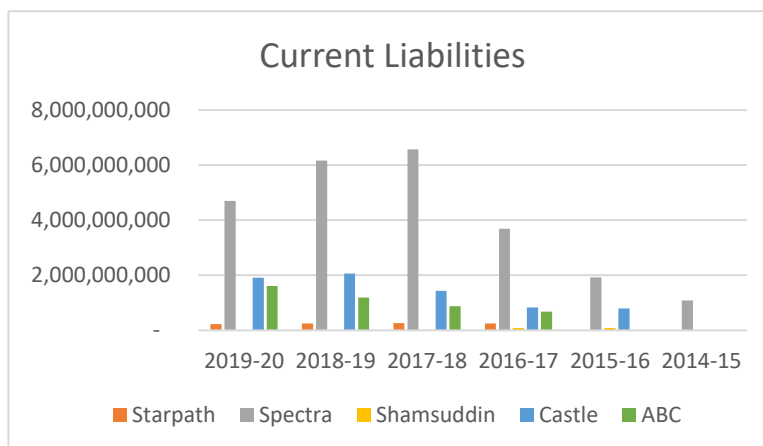
Current Assets (BDT)

Company Name/Year	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15
Starpath	647,269,617	597,626,317	544,778,534	516,264,133		
Spectra	8,794,760,592	8,922,906,355	7,834,533,934	3,923,358,522	2,517,335,787	1,877,244,568
Shamsuddin	767,874,471	683,139,472	641,355,157	590,576,302	628,191,600	430,397,191
Castle	1,972,156,129	2,287,192,411	1,594,301,403	989,184,860	930,307,007	
ABC	351,704,158	348,895,909	1,255,376,397	806,903,441		



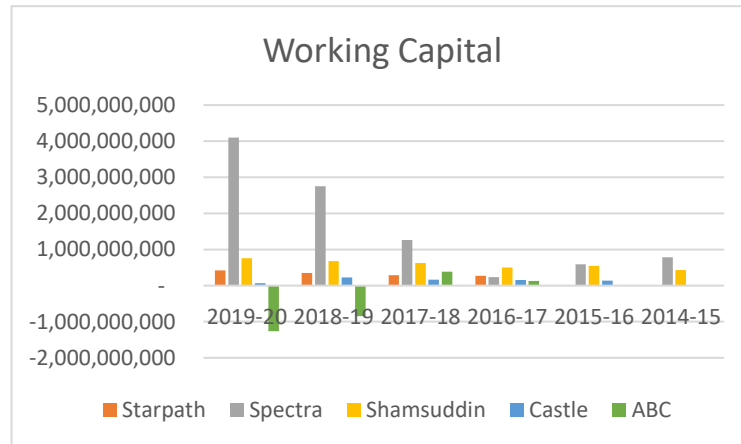
Current Liabilities (BDT)

Company Name/Year	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15
Starpath	221,072,412	246,198,389	256,185,035	247,630,870		
Spectra	4,695,592,430	6,166,337,133	6,570,208,599	3,690,274,308	1,925,102,783	1,090,341,035
Shamsuddin	8,496,106	2,934,570	15,835,955	84,664,570	80,897,441	1,248,690
Castle	1,905,310,600	2,056,429,485	1,431,553,366	833,865,938	793,318,549	
ABC	1,610,053,678	1,192,629,446	872,040,216	674,109,770		



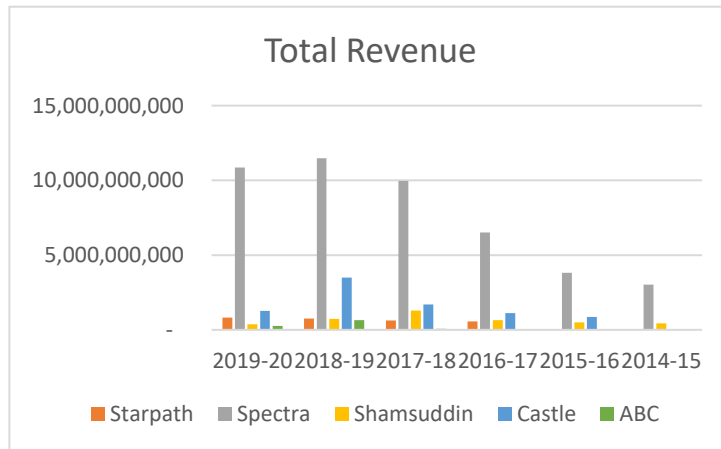
Working Capital (BDT)

Company Name/Year	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15
Starpath	426,197,205	351,427,928	288,593,499	268,633,263		
Spectra	4,099,168,162	2,756,569,222	1,264,325,335	233,084,214	592,233,004	786,903,533
Shamsuddin	759,378,365	680,204,902	625,519,202	505,911,732	547,294,159	429,148,501
Castle	66,845,529	230,762,926	162,748,037	155,318,922	136,988,458	
ABC	-	-	383,336,181	132,793,671		



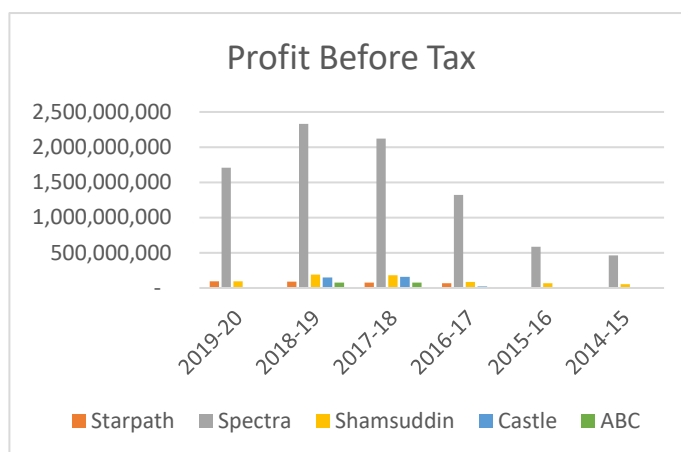
Total Revenue (BDT)

Company Name/Year	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15
Starpath	826,379,400	751,254,000	627,580,000	567,590,000		
Spectra	10,863,781,167	11,484,157,407	9,961,420,584	6,509,092,071	3,822,359,455	3,016,045,427
Shamsuddin	369,124,214	741,640,604	1,285,473,764	654,380,089	487,526,676	433,914,950
Castle	1,266,613,631	3,484,752,227	1,700,465,546	1,121,779,424	871,489,422	
ABC	260,436,534	658,370,315	78,119,916	9,275,192		



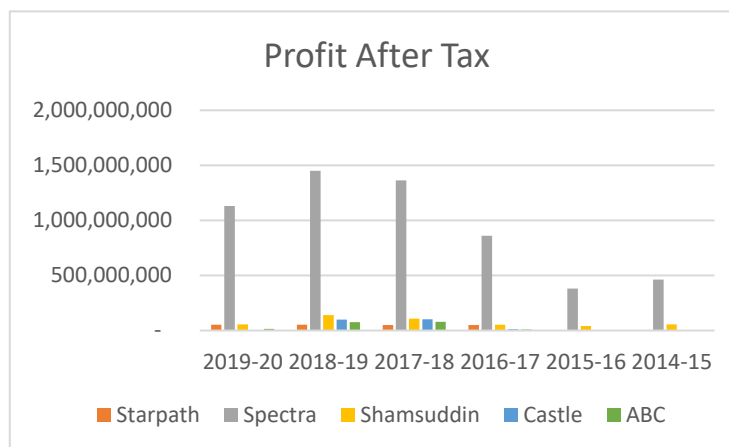
Profit before Tax (BDT)

Company Name/Year	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15
Starpath	94,111,789	89,080,259	76,802,501	65,616,640		
Spectra	1,709,332,817	2,330,021,295	2,121,192,102	1,322,695,725	585,001,223	463,121,528
Shamsuddin	93,499,164	187,902,534	181,891,712	84,563,239	67,624,301	55,834,468
Castle	3,564,718	151,213,089	159,089,507	20,407,411	7,212,691	
ABC	13,615,203	77,437,724	78,119,916	9,275,192		



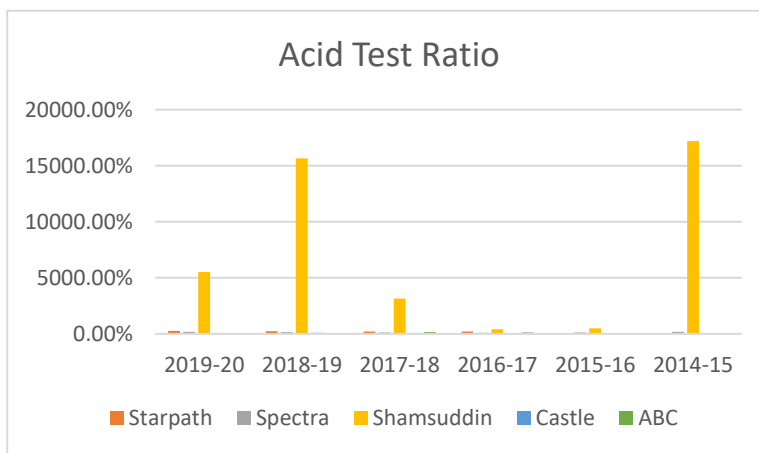
Profit after Tax (BDT)

Company Name/Year	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15
Starpath	52,792,819	51,517,559	49,816,561	48,588,940		
Spectra	1,131,634,387	1,449,135,766	1,364,049,901	859,752,221	380,250,795	463,121,528
Shamsuddin	56,325,572	139,076,434	109,135,027	52,852,024	42,270,000	55,834,468
Castle	3,564,718	98,288,508	103,408,180	13,264,817	4,688,249	
ABC	13,615,203	77,437,724	78,119,916	9,275,192		



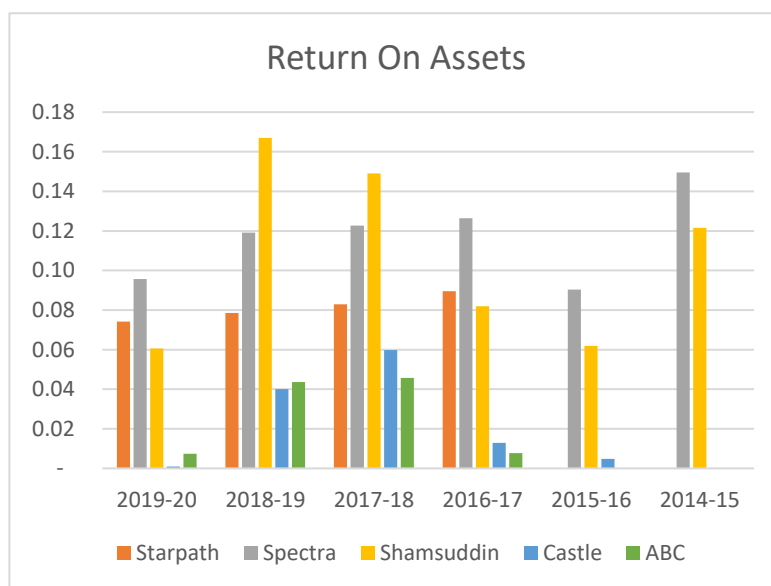
Acid Test Ratio (ATR)

Company Name/Year	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15
Starpath	282.04%	233.64%	205.18%	201.21%		
Spectra	185.85%	144.09%	118.90%	105.03%	130.76%	172.17%
Shamsuddin	5507.25%	15650.08%	3139.26%	412.90%	503.92%	17203.65%
Castle	82.32%	94.21%	71.60%	55.54%	46.84%	
ABC	21.84%	29.25%	143.96%	119.70%		



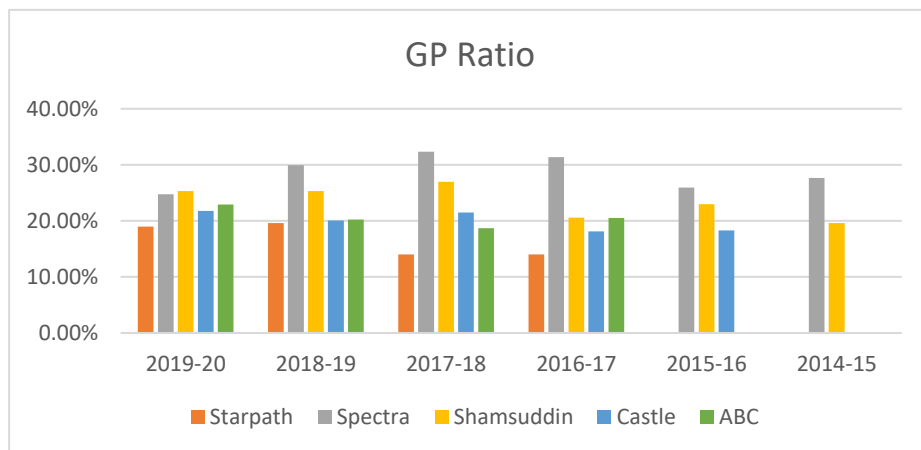
Return on Assets (ROA)

Company Name/Year	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15
Starpath	0.07	0.08	0.08	0.09		
Spectra	0.10	0.12	0.12	0.13	0.09	0.15
Shamsuddin	0.06	0.17	0.15	0.08	0.06	0.12
Castle	0.00	0.04	0.06	0.01	0.00	
ABC	0.01	0.04	0.05	0.01		



GP Ratio

Company Name/Year	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15
Starpath	19.00%	19.62%	14.00%	14.00%		
Spectra	24.76%	29.95%	32.34%	31.39%	25.97%	27.69%
Shamsuddin	25.33%	25.34%	26.96%	20.56%	22.96%	19.62%
Castle	21.78%	20.05%	21.50%	18.14%	18.27%	
ABC	22.94%	20.26%	18.68%	20.52%		



EVALUATION SUMMARY :

COMPANY NAME	TOTAL ASSET	TOTAL LIABILITIES	NET WORTH	CURRENT ASSET	CURRENT LIABILITIES	WORKING CAPITAL	TOTAL REVENUE	PROFIT BEFORE TAX	PROFIT AFTER TAX	ACID TEST RATIO	RETURN ON ASSET	GP RATIO	GENERAL EXPERIENCE	SPECIFIC EXPERIENCE	TECHNICAL PERSONNEL	AVERAGE MARK ON ALL ITEM	FINAL POSITION
Spectra	5	1	5	5	1	5	5	5	5	3	5	5	3	4	1	3.86667	1ST
ABC	3	3	1	1	3	1	1	1	1	1	1	2	4	5	2	2	5TH
Shamsuddin	2	5	4	3	5	4	2	4	4	5	4	4	5	2	4	3.8	2ND
Castle	4	2	2	4	2	2	4	3	3	2	2	3	1	1	3	2.53333	4TH
Starpath	1	4	3	2	4	3	3	2	2	4	3	1	2	3	5	2.8	3RD

RECOMMENDATIONS:

The selection of the contractor will be based on the judgement of the client, after receiving the evaluation report. But, we recommend to give preference to the capacity of the Professional involved in the company while construction, as required for the Complex Site. Also, Before starting the construction, A detail soil Investigation is a must.

The Drawing Submitted for tender process, are well presented, but we didn't find any Signature & Registration Number of any Structural Engineer. Moreover, There is no Authentication from BRTC, BUET even though their name is mentioned in the title box. It is advisable to get Structural design, with duly signed by DPM & BRTC, BUET, during the contract Process with the contractor.

The report Is checked & Verified By The Expert Following Expert Professionals, on The client's Request.

1. Eng. Shamsul Alam
B. Eng (Civil), BUET .
Structural Engineer.

2. Architect Nazli Hussain
USGBC Faculty, U.S. Green Building Council.
B. Arch (BUET).

3. Eng. Mamun Ferdous
B. Eng (Mech), BUET.
Mechanical Engineer.
