



**BSE MARKET DATA PRODUCTS**

**PRICE LIST**

## SCHEDULE 1: MARKET DATA PRODUCTS

No.	Product Code	Product Name	Local Fee (BWP)	International Fee (USD)	Billing Frequency
1.	<b>REAL</b>	Real Time Feed (VPN Connectivity)	25,000	10,000	Annually
2.	<b>EQ_LIVE_PRICES</b>	Live Stock Prices Feed	10,000	5,000	Annually
	<b>FI_LIVE_PRICES</b>	Live Bond Prices Feed	10,000	5,000	Annually
3.	<b>REP</b>	Snapshot/replay channel	10,000	3,000	Annually
4.	<b>DMR(.XLS)</b>	End of Day Daily Market Report (.XLS)	5,000	5,000	Annually
			5,000 redistribution	5,000 redistribution	Annually
5.	<b>DMR(PDF)</b>	End of Day Daily Market Report (PDF)	Free	Free	Free
6.	<b>HDMR</b>	Historical Daily Market Reports	500 each year	100 each year	As per request
7.	<b>HEMI</b>	Historical Equity Market Indices	200 each year	50 each year	As per request
8.	<b>HMD</b>	Historical Market Database	500 each year	100 each year	As per request
9.	<b>HEPI</b>	Historical Equity Price Information	200 each year	100 each year	As per request
10.	<b>ETFs</b>	Historical ETFs Trading Statistics	100 each year	50 each year	As per request
11.	<b>BONDS</b>	Historical Bond Trading Statistics	100 each year	100 each year	As per request
12.	<b>BBI</b>	Botswana Bond Index	25,000	5,000	Annually
			25,000 redistribution	5,000 redistribution	Annually
13.	<b>HBBI</b>	Historical BBI levels	200 each year	100 each year	As per request
14.	<b>HGovY</b>	Historical Government Bond Yields	100 each year	50 each year	As per request
15.	<b>WMR</b>	Weekly Market Report	100	20	Weekly
16.	<b>MMR</b>	Monthly Market Report	500	100	Monthly
17.	<b>MSD</b>	Monthly Stock Data	500	100	Monthly
18.	<b>LISTED CO. DATABASE</b>	Listed Companies Database	10,000	5,000	Annual Subscription
19.	<b>BQR</b>	Broker Quarterly Rankings	500	100	Quarterly
20.	<b>INDEX-DATA</b> (incl. Index Licensing/Index Products)	Creation/calculation/licensing of indices/creation of index products/. Derived Data Index.	20,000	10,000	Annually

21.	<b>INDEX-CALC</b>	In-house calculation of client specific indices	25,000	15,000	Annually
22.	<b>DERIVED DATA – NON – DISPLAY</b>	Real-Time Data used for Non-display purposes	20,000	10,000	Annually
23.	<b>DERIVED DATA – NEW ORIGINAL WORK</b>	Real-Time Data used for new original work purposes	20,000	10,000	Annually
24.	<b>CUST-DATA</b>	Customized data and reports	2,500	500	Per report or request
25.	<b>FREE-FLOAT</b>	Free Float Analysis Report	2,500	500	Per request
<b>CSD REPORTS</b>					
26.	<b>ITAR</b>	Investor Turnover Analysis Report	2,500	250	Per request
27.	<b>HOR</b>	Holders of Records/Share Register	10.00 per record (Min. 1,000 Max. 2,500)	250	Per request
28.	<b>SHAR</b>	Shareholdings Analysis Report	2,500	250	Monthly, Per request
29.	<b>DTRADE</b>	Detailed Trade Report	2500	250	Per request
30.	<b>DTRANSFER</b>	Detailed Transfer Report	10.00 per record (Min. 1,000 Max.2,500)	250	Per request
<b>X-NEWS</b>					
31.	<b>X-NEWS</b>	BSE X-News Email Alerts	5,000	1,000	Annually
<b>MARKET INFORMATION</b>					
32.	<b>BSEN</b>	BSE News Magazine	Free	Free	Quarterly
33.	<b>TICKER</b>	Data Display Screen	2,500	500	Per advert
34.	<b>TRUSTS</b>	Publishing unit trusts NAVs on DMR	7,500	1,000	Annually
<b>API SERVICES</b>					
35.	<b>ISSUER_API</b>	Issuer Package	10,000	5,000	Annually
36.	<b>NON-ISSUER_API</b>	Non-Issuer Package	7,500	2,500	Annually
<b>37. MARKET INFORMATION ACCESSIBLE THROUGH THE MOBILE APP</b>					
<b>37.a REAL –TIME DATA</b>					
	<b>DMR</b>	Daily Market Report (.XLS)	Individuals: 2,000	Individuals: 200	Annually
	<b>INDEX</b>	Indices data			

	<b>X-NEWS</b>	BSE X- News Email Alerts	Institutions: 5,000	Institutions: 1,000	
	<b>TRADSUM</b>	Trade Summary			
	<b>EQUITY</b>	Details of listed equity instruments			
	<b>BONDS</b>	Details of listed bond instruments			
	<b>BOARDS</b>	Constituents of various boards			
	<b>CORPEVE</b>	Corporate events calendar			
	<b>EQSTATS</b>	Equity statistics			
	<b>BONSTATS</b>	Bond statistics			
	<b>STATUS</b>	Market Status			
	<b>SESSIONS</b>	Market Sessions			
	<b>TRADSTAT</b>	Trading Status			
	<b>BIDS-OFFERS</b>	Bids and Offers			
	<b>SECTOR</b>	Sector Summaries			
<b>37.b EOD DATA</b>					
	<b>DMR</b>	Daily Market Report (PDF)	FREE		
	<b>INDEX</b>	Indices data			
	<b>TRADSUM</b>	Trade Summary			
	<b>EQUITY</b>	Details of listed equity instruments			
	<b>BONDS</b>	Details of listed bond instruments			
	<b>BOARDS</b>	Constituents of various boards			
	<b>CORPEVE</b>	Corporate events calendar			
	<b>EQSTATS</b>	Equity statistics			
	<b>BONSTATS</b>	Bond statistics			
	<b>STATUS</b>	Market Status			
	<b>TRADSTAT</b>	Trading Status			

## SCHEDULE 2: DESCRIPTIONS OF MARKET DATA PRODUCTS

No.	Product Code	Product Name	Description
1.	<b>REAL</b>	Real time feed (VPN Connectivity)	Live market data. Attributes on Annexure A.  (Available real-time)
2.	<b>EQ_LIVE_PRICES</b>	Live Stock Prices Feed	Live, stock-specific prices only.
	<b>FI_LIVE_PRICES</b>	Live Bond Prices Feed	Live, stock-specific prices only.
3.	<b>REP</b>	Snapshot/replay channel	Delayed market data (15 minutes). Attributes on Annexure A.  (Available with a 15-minutes delay)
4.	<b>DMR (CSV)</b>	Daily Market Report (.XLS)	End of day summary of listed equities; equity market capitalization; listed bonds; equity volumes and turnover by counter and market as a whole; equity indices; bond index levels; exchange-traded funds; X-News; dividends payment schedule.  Daily Market Report Redistribution – Agreement to redistribute the DMR (.XLS) as provided by BSE or with alteration.  (Published daily)
5.	<b>DMR (PDF)</b>	Daily Market Report (PDF)	End of day summary of listed equities; equity market capitalization; listed bonds; equity volumes and turnover by counter and market as a whole; equity indices; bond index levels; exchange-traded funds; X-News; dividends payment schedule

			(Published daily)
6.	<b>HDMR</b>	Historical Daily Market Reports	Historical DMR: End of day summary of listed equities; equity market capitalization; listed bonds; equity volumes and turnover by counter and market as a whole; equity indices; bond indices; exchange-traded funds; X-News; dividends payment schedule  (Available from 2002)
7.	<b>HEMI</b>	Historical Equity Market Indices	Daily historical equity indices (market cap. Total cap, free-float indices), current and discontinued.  (Available from 1989)
8.	<b>HED</b>	Historical Equity Database	Historical daily equity database, currently listed counters and delisted counters. Includes date, market capitalization, closing price, securities issues, last dividend paid, volume traded, value traded, EPS, PE, DY, BVPS, PBV,  (Available from 1999)
9.	<b>HEPI</b>	Historical Equity Price Information	Historical daily equity price information, currently listed counters and delisted counters. Counter specific.  (Available from 1999)
10.	<b>ETFs</b>	Historical ETFs Trading Statistics	Daily data on Exchange Traded Funds: trade date, price, volume, value
11.	<b>BONDS</b>	Historical Bond Trading Statistics	Listed bonds trade data; bond code, trade date, settlement date, bond number, price, yield to maturity, coupon rate, seller, buyer, volume, settlement amount. Also include nominal amounts in issue, trade date by month.  (Available from 2008)
12.	<b>BBI</b>	Botswana Bond Index Series	Daily Bond Index information: bond code, issue date expiry date, coupon, tenure, TTM, FV/Amount in issue, yield, dirty price, clean price, weight, modified

			<p>duration, duration, convexity, index levels for BBI composite, BBI-Fixed, Govl and Corpl</p> <p>Redistribution of BBI is when a subscriber passes on the BBI to their client, as is or with modifications.</p> <p>(Published daily)</p>
<b>13.</b>	<b>HBBIS</b>	Historical BBIS levels	<p>Daily historical index levels of bond indices, namely BBI Composite, BBI Fixed, Govl and Corpl</p> <p>(Available from 2010)</p>
<b>14.</b>	<b>HGovY</b>	Historical Government bond yields	<p>Daily historical yields of all government bonds</p> <p>(Available from 2010)</p>
<b>15.</b>	<b>WMR</b>	Weekly Market Report	<p>Performance of the market and listed counters: index changes (DCI, FCI, DCTRI), total market volume, total market value, domestic market cap, foreign market cap, total market cap, top 5 trade counters by volume and value, price changes (monetary and percentages), exchange traded funds price changes ((monetary and percentages).</p> <p>(Available every Friday)</p>
<b>16.</b>	<b>MMR</b>	Monthly Market Report	<p>Performance of the market and listed counters: index changes (DCI, FCI, DCTRI), total market volume, total market value, domestic market cap, foreign market cap, total market cap, top 5 trade counters by volume and value, price changes (monetary and percentages), exchange traded funds price changes ((monetary and percentages)</p> <p>(Available last business day of the month)</p>
<b>17.</b>	<b>MSD</b>	Monthly Stock Data	<p>Individual counter data and analysis showing closing price, volume, turnover, line graph of share performance (EOM)*</p> <p>(Available monthly)</p>

18.	<b>LISTED CO. DATABASE</b>	Listed Companies Database	This is an annual subscription data package that gives you access to historical listed company trading data inclusive of trading price, volume traded and value traded. The maximum number of years of historical data that can be requested is 10years. Additional years requested will be charged per request.
19.	<b>BQR</b>	Broker Quarterly Rankings	Ranks brokers performance on equity and bond market volumes and value traded on a quarterly basis. Includes  (Available quarterly)
20.	<b>INDEX-DATA</b>	Creation/calculation/licensing of indices/index products/. Derived Data Index.	Usage of real-time, delayed and EOD market data for the creation or calculation of indices by external party. Usage of underlying indices data and/or existing indices for creation of products and services. Derived Data Index.
21.	<b>INDEX-CALC</b>	In-house calculation of client specific indices	In-house calculation of customized indices as per client specifications
22.	<b>DERIVED DATA - NON - DISPLAY</b>	Non-Display Usage	Non-Display usage means the processing, consumption or usage of Real Time Data, delivered via direct feeds for purposes other than in support of display: such as the usage of Real Time Data in electronic trading systems or platforms for the purpose of generating orders or executing transactions in an automated and/or semi-automated manner without the display of the original Real Time Data as well as in non-trading related activities, such as Quantitative Analysis, Portfolio Management, Fund Administration and Risk Management.
23.	<b>DERIVED DATA – NEW ORIGINAL DATA</b>	New Original Work	New Original Work refers to the use of Real Time Data for the creation of derived data values based on any calculation, computation or manipulation to the BSE Real-Time data or on the basis that the data providing such derived values cannot be readily reverse-engineered back to the underlying Real Time Data.
24.	<b>CUST-DATA</b>	Customized data and reports	Creation of reports and data sets by BSE as per client's specific requirements, for data that does not readily under any of the existing categories and products. Charged based on the effort required to produce and customize the data and reports.
25.	<b>FREE-FLOAT</b>	Free-Float Analysis Report	Internal analysis of the free float registers of primary listed issuers at a particular point in time. Contains information on public and non-public shareholding and key-persons analysis of shareholding in listed counters.



<b>CSD REPORTS</b>			
<b>26.</b>	<b>ITAR</b>	Investor Turnover Analysis Report	Monthly analysis of investor contribution to turnover on a monthly basis; counter, investor category (broker, foreign individual, foreign resident, foreign junior, foreign company, local individual, local junior, market-maker), value traded per investor category (both buy and sell), total value traded per counter, percentage contribution to turnover by investor category.  (Available last business day of the month)
<b>27.</b>	<b>HOSR</b>	Holder of Records/ Share Register	Daily information on holders of listed securities.  (Available on request, only to NTS)
<b>28.</b>	<b>SHAR</b>	Shareholdings Analysis Report	Monthly information on the domiciles of the shareholders in each listed security and the balances held, by investor categories (broker, foreign individual, foreign resident, foreign junior, foreign company, local individual, local junior, market-maker), therefore shows the balances held, market value of securities, client suffix/investor category, security code, nationality, country.
<b>29.</b>	<b>DTRADE</b>	Detailed Trade Report	Daily information of buyers and sellers; counter, trade date, CSD reference, settlement date, client ID, client names, order side (B/S), quantity, price
<b>30.</b>	<b>DTRANSFER</b>	Detailed Transfer Report	Information on securities transfers; security ID, investor ID, account holder, security name, type of transfer, serial no., quantity, CSD reference, transfer date
<b>X-NEWS</b>			
<b>31.</b>	<b>X-NEWS</b>	BSE X-News Email Alerts	Real-time intra-day market and company announcements and corporate actions alerts directly to the subscriber's email inbox.
<b>MARKET INFORMATION (AVAILABLE FOR DOWNLOAD ON <a href="http://www.bse.co.bw">www.bse.co.bw</a>)</b>			
<b>32.</b>	<b>BSEN</b>	BSE News Magazine	Quarterly magazine published by the BSE covering BSE activities, articles on capital markets and the general economy, adverts by various institutions and other pertinent subjects.  (Advertising rates provided separately)
<b>33.</b>	<b>TICKER</b>	Data Display Screen	Display of adverts (4m*1m screen) on the BSE data display screen located at the CBD, Gaborone.  (2 minutes 30 seconds per hour)

<b>34.</b>	<b>TRUSTS</b>	Publishing unit trusts NAVs on DMR	Publishing unit trust information on DMR: net asset value, effective annual yield and nominal annual rate.
<b>API SERVICES</b>			
<b>35.</b>	<b>ISSUER_API</b>	Issuer Package	Issuer specific live market data, issuer specific news announcements/disclosures, issuer specific corporate actions and market status.
<b>36.</b>	<b>NON-ISSUER_API</b>	Non-Issuer Package	Live market data for all listed companies / stock market ticker as it appears on the BSE website OR stock market ticker per board (Equity   ETF   Bonds) and market status.
<b>37. MARKET INFORMATION ACCESSIBLE THROUGH THE MOBILE APP (REAL-TIME &amp; EOD)</b>			
	<b>DMR</b>	Daily Market Report (.XLS & PDF)	End of day summary of listed equities; equity market capitalization; listed bonds; equity volumes and turnover by counter and market as a whole; equity indices; bond indices; exchange-traded funds; X-News; dividends payment schedule
	<b>INDEX</b>	Indices data	Date, index name, opening, closing
	<b>TRADES</b>	Detailed trades	Bid, Offer, Highs
	<b>X-NEWS</b>	BSE X- News Email Alerts	Date announced, time, subject, security, logo, link to PDF
	<b>TRADSUM</b>	Trade Summary	Date, turnover, volume, number of trades
	<b>EQUITY</b>	Details of listed equity instruments	Instrument ID, issued quantity, CFI code, short name, board, instrument type, issued date, logo, ISIN, local asset status, listing status, trading currency, instrument sub type, issuer
	<b>BONDS</b>	Details of listed bond instruments	Instrument ID, nominal value, coupon type, coupon rate, maturity date, time to maturity, CFI code, short name, board, instrument type, issued date, logo, ISIN, local asset status, trading currency, instrument sub type, issuer
	<b>BOARDS</b>	Constituents of various boards	Board name, instruments ID
	<b>CORPEVE</b>	Corporate events calendar	Date announced, type, pay rate, start date, ex-date, record date, pay date, end date
	<b>EQSTATS</b>	Equity statistics	Date, instrument ID, opening, closing, last traded price, high, low, turnover, volume, number of trades, change
	<b>BONSTATS</b>	Bond statistics	Number of transactions, instrument ID, opening dirty price, closing dirty price, last traded price, modified duration, last traded yield, turnover, volume, convexity,

<b>STATUS</b>	Market Status	Indicates whether the market is open or closed
<b>SESSIONS</b>	Market Sessions	Indicates the various session the market is trading in
<b>TRADSTAT</b>	Trading Status	Indicates the trading status of an instrument, Instrument ID, status, start date, end date
<b>BID_OFFER</b>	Bids and Offers	Shows all bids and offers per counter
<b>SECTORS</b>	Sector Summaries	Summaries of trades per sector

## ANNEXURE A: CONSTITUENTS OF LIVE AND REPLAY DATA

### Information Included in the Real-time Channel

#### 1. Instrument Level Information

1. Security Code	12. Instrument Segment	23. Low
2. Security Status	13. Instrument Board (Normal, AON)	24. High
3. ISIN	14. Order Book Type (Regular, Auction)	25. High
4. Underliers (if any)	15. Trading session name (CPX, Reg. Tr)	26. VWAP
5. Issuer Code	16. Corporate Action (Ex.Div, Ex Rights)	27. Market Volume
6. Issued Qty	17. Side (buy/Sell)	28. Market Turnover
7. Issued Date	18. Price Type (Price, Yield)	29. Price Level
8. Maturity Date	19. Trade Price	30. Entry Position Number
9. Coupon Rate (%)	20. Trade Volume	31. Party ID
10. Security Type (E/D)	21. Trade Turnover	32. Party Role (Broker, Custodian)
11. Security Sub Type (Preference, GDR)	22. Last	

#### 2. Book Level Statistics

1. Opening Price	6. Volume	11. Previous Close
2. Closing Price	7. Turnover	12. Buy Order VWAP
3. Highest Trading Price	8. Number of Trades	13. Sell Order VWAP
4. Lowest Trading Price	9. Highest Bid	14. Buy Order Quantity
5. VWAP	10. Lowest Offer	15. Sell Order Qty

#### 3. Market and Sector Statistics

#### 4. AON Statistics

#### 5. Other

➤ Volume of the Day, Turnover of the Day, Number of Trades for the Day	➤ Status, Side, Size, Price, Date	➤ Index Information (if any), RFQs, News/Announcements
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## NOTES

1. Local fee applies to clients domiciled in Botswana while international fee applies to all non-resident clients.
2. BSE Members will get a 20% discount fee for all data categories, subject to the discretion of the BSE.
3. The Media will not be charged only for the historical data and end of day data categories, subject to the discretion of the BSE.
4. Researchers and research institutes will be charged the full amount for any data category.
5. Students will get discount for end of day data and historical data as follows:
  - a. Primary to Secondary: Free up to the recent 3-year data, and a flat fee of P100 or \$10 for every other year (excl. VAT).
  - b. Tertiary: flat fee of P500 or \$50 per product up to the recent 5-year data, and a flat fee of P100 or \$10 for every other year (excl. VAT).
  - c. Masters and professional courses: 20% discount per product
6. The CSD Reports fee is not applicable to Issuers using CSDB transfer secretary services as they are covered under the service agreement
7. The following reports contain end of period data and will be published for free:
  - a. BSE Annual Report
  - b. Monthly Market Performance Report
8. The fees are not inclusive of VAT.
9. The fees will be reviewed from time to time.
10. To buy data or subscribe, please email [productdev@bse.co.bw](mailto:productdev@bse.co.bw)

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