

Office of the Director, Secondary Education, Rajasthan, Bikaner

Comparative Statement of Technical Bid of Ladies Bicycles

(Technical Bid Opening Date 11-05-2021 at 03:00 P.M.)

Technical Bid Evaluation on Date:- 17-05-2021

S. No	Particulars	Hero cycle G.T. Road Ludhiana (Punjab).	S.K. Bikes Ltd. Ludhiana (Punjab).	Avon Cycle Ltd. Ludhiana (Punjab).	Hero Ecotech Ltd. Ludhiana (Punjab)
1	2	3	4	5	6
1	Covering letter-Technical Bid	Yes (page-83-84)	Yes (page 1-2)	Yes (page-1)	Yes (page-1-2)
2	Tender fees	Yes (page 40) (DD No.-572850 Date-26-04-2021 Rs. 5000)	Yes (page 3) (DD No.-312672 Date-03-05-2021 Rs. 5000)	Yes (page2) (DD No.-370770 Date-27-04-2021 Rs. 5000)	Yes (page 4) (DD No 572862 Date-28-04-21 Rs. 5000)
3	RISL Processing Fee	Yes (page 40) DD No.-572851 Date-26-04-2021 Rs. 1000)	Yes (page 4) (DD No.-312671 Date-03-05-2021 Rs. 1000)	Yes (page-2) (DD No.-370771 Date-27-04-2021 Rs. 1000)	Yes (page 3) (DD No.-572863 Date-28-04-2021 Rs. 1000)
4	Bid Securing Declaration (EMD) as per Annexure 19	Yes (page 1)	Yes (page 5-7)	Yes (page 3-5)	Yes (page 5-6)
5	E-valuation Report by Technical Member (On the basis of test report of R&D centre for bicycle & sewing machine, Ludhiana as per Annexure -2)	Yes (page 47-80) (Report No.21NN0179 - 197 Date-05-05-2021)	Yes (page 9-41) (Report No.21NN0217 - 235 Date-07-05-2021)	Yes (page-68-99) (Report No.21NN0160 - 163 Date-03-05-2021)	Yes (page 319-350) (Report No.21NN0198- 216 Date-03-05-2021)
6	Tender Form (Annexure -5)	Yes (page 83)	Yes (page 102-103)	Yes (page 106)	Yes (page 73-74)
7	Bidder Authorisation Certificate (Annexure -6)	Yes (page 85)	Yes (page 156)	Yes (page 107)	Yes (page 72)
8	Self declaration - No Blacklisting (Annexure -7)	Yes (page 86)	Yes (page 158)	Yes (page 108)	Yes (page 93-94)
9	Certificate of conformity/ No Deviation (Annexure -8)	Yes (page 87)	Yes (page 159)	Yes (page 109)	Yes (page 351)

10	Legal Entity (The bidder should be a OEM)	Yes (page 88,138)	Yes (page 160)	Yes (page 113-115)	Yes (page 418)
11	Turnover (The bidder should have minimum turn-over of Rs 230.00 Crore in each year of last three Financial Year. (2017-18,2018-19 &2019-20) From the sale of complete Bicycle.	Yes (page 154) FY 2017-18---Rs. 1314.92 cr. FY 2018-19---Rs. 1519.30 cr. FY 2019-20---Rs. 1409.80 cr.	Yes (page 219) FY 2017-18---Rs. 318.74 cr. FY 2018-19---Rs. 369.33 cr. FY 2019-20---Rs. 260.44 cr.	Yes (page 146) FY 2017-18---Rs. 702.11 cr. FY 2018-19---Rs. 796.49 cr. FY 2019-20---Rs. 718.74 cr.	Yes (page 108) FY 2017-18---Rs. 236.60 cr. FY 2018-19---Rs. 367.47 cr. FY 2019-20---Rs. 285.62 cr.
12	Net worth (2017-18,2018-19 &2019-20)	Yes (page 175)	Yes (page 220)	Yes (page 145)	Yes (page 107)
13	Project Experience in manufacturing of Bicycle last three years.	Yes (page 154)	Yes (page 234)	Yes (page 146)	Yes (page 108)
14	Tax Registration & Clearance	Yes (page 233-234) (GSIN-03AAACH4073PIZH) PAN- AAACH4073P	Yes (page 245-373) (GSIN-03AAKCS3207QIZ4) PAN- AAKCS3207Q	Yes (page 164-165) (GSIN-03AABCA4140RIZR) PAN-AABCA4140R	Yes (page 188-300) (GSIN-03AACCH1308RIZN) PAN-AACCH1308R
15	Financial Resource	Yes (page 371)	Yes (page 218)	Yes (page 134)	Yes (page 301-308)
16	Manufacturing capacity (Production capacity of 14 Lacks Bicycles Per Annum) The Bidder should have annual average manufacturing of 6 lakhs complete bicycle during the last three financial year.i.e total manufacturing of least 18 lakhs bicycle during last three financial year. (2017-18,2018-19 &2019-20)	Yes (page 122) Mfg capacity- 43 lac Yes (page 154) FY 2017-18---4016461 FY 2018-19---4459537 FY 2019-20---4127077 Total- 12603075 Avg.-4201025	Yes (page 232-233) Mfg capacity- 15 lac Yes (page-234) FY 2017-18-- 1115724 FY 2018-19---1179581 FY 2019-20---883486 Total- 3178791 Avg.-1059597	Yes (page 143) Mfg capacity-50 lac Yes (page 146) FY 2017-18--- 2183034 FY 2018-19--- -2028176 FY 2019-20----1936985 Total- 6148195 Avg.-2049398	Yes (page 95-101) Mfg capacity-15 lac. Yes (page-108) FY 2017-18--- 532192 FY 2018-19--- -881049 FY 2019-20----689883 Total- 2103123 Avg.-701041

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17	Price & Rate Assurance Certificate	Yes (page 87)	Yes (page 223)	Yes (page 133)	Yes (page 309)
18	Make and Model	Yes (page 43) Make:-HERO Model:- JET MASTER GOLD 50 CM (CURVED) Black colour	Yes (page 221-222) Make:- S.K. Bikes Model:- Panther	Yes (page 129) Make:- Avon Cycle limited Model:- AB-310C -Bar-20" (Black)	Yes (page 312) Make-"KROSS" Model-"KAVERI"
19	POA	Yes (page 391-393)	Yes (page 157)	Yes (page 130-131)	Yes (page 70-71)
20	7 Ply Rating Tyre (I.S.I. Mark)	Yes (page 95-98, 147)	Yes (page 184)	Yes (page 155-158)	Yes (page 388-400)
21	Tube (I.S.I. Mark)	Yes (page 95-99,149)	Yes (page 186)	Yes (page 152-153)	Yes (page 385-387)
22	Frame (I.S.I. Mark)	Yes (page 102,152) (IS 623:2008)	Yes (page 162) (IS 623:2008)	Yes (page 149) (IS 623:2008)	Yes (page 303,358) (IS 623:2008)
23	Fork (I.S.I. Mark)	Yes (page 103) (IS 2061:1995)	Yes (page 164) (IS 2061:1995)	Yes (150) (IS 2061:1995)	Yes (page 355,308) (IS 2061:1995)
24	Mudguard (I.S.I. Mark)	Yes (page 104) (IS 6218:2008)	Yes (page 166) (IS 6218:2008)	Yes (page 151) (IS 6218:2008)	Yes (page 357,362) (IS 6218:2008)
25	Manufacturer's Authorisation Form (MAF) of complete ladies Bicycle as required as per Annexure-9	Yes (page 88,151)	Yes (page 160)	Yes (page 113)	Yes (page 352)
26	Financial Bid Undertaking as per Annexure-11	Yes (page 107)	Yes (page 212)	Yes (page 116-117)	Yes (page 422)
27	Components Offered as per Annexure-15	Yes (page 109)	Yes (page 8)	Yes (page 118)	Yes (page 423)
28	Technical Bid Submission sheet as per Annexure-16	Yes (page 110)	Yes (page 213)	Yes (page 119-120)	Yes (page 424-425)
29	Detail of dealers and sub dealers for service during defect liability period in Rajasthan as per Annexure-18	Yes (page 112-117)	Yes (page 215-217)	Yes (page 123-128)	Yes (page 427-433)


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30	Compliance Undertaking for all the supplied Items. as per annexure 2.	Yes (page 47-48)	Yes (page 100-101)	Yes (page 110-112)	Yes (page 316-318)
31	Sample Cycles 02 Nos., Photo & Video C.D. of cycle showing Frame Number and all parts clearly	Yes	Yes	Yes	Yes
32	Bid responsive (Yes/ No)	Yes	Yes	Yes	Yes

• Compliance :-Yes, Not Compliance:-No



सदस्य-सचिव
उपनिदेशक (योजना)
माध्यमिक शिक्षा,
राजस्थान-बीकानेर


(सदस्य)
प्रतिनिधि निदेशक
(प्रशिक्षण)
तकनीकी शिक्षा
राज0-जोधपुर


(सदस्य)
प्रतिनिधि निदेशक
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(सदस्य)
प्रतिनिधि,
निदेशक, संस्कृत
शिक्षा, राज0
जयपुर


(सदस्य)
वित्तीय सलाहकार
माध्यमिक शिक्षा, राज0
बीकानेर


अध्यक्ष,
निदेशक,
माध्यमिक शिक्षा
राज0-बीकानेर

Office of the Director, Secondary Education, Rajasthan, Bikaner

Technical Bid Opening Date 11-05-2021

- (1) Name of Firm:- **Avon Cycles Ltd. Ludhiana (Punjab).**
- (2) Technical Evaluation of Sample Bicycles on Dated 17-05-2021
- (3) Items Details : Technical Specifications for 20" ladies bicycles as bid document term and conditions (ANNEXURE-2)
- (4) Make : Avon Cycle Limited & Model : AB - 310 C-Bar- 20" Black


No.	Particulars	Specifications as per bid document	Result
1	FRAME	The frame (curved frame) for bicycle for ladies shall conform to IS:623:2008 (with up-to-date amendments)	ISI MARKED Confirming as per test report No. 21NN0160
2	FORK (FRONT)	As per IS:2061:1995 (with up-to-date amendments)	ISI MARKED Confirming as per test report No. 21NN0160
3	MUDGUARD	The mudguard shall be made from CR Sheet of not less than 0.45 mm as per relevant IS:6218:2008(with up-to-date amendments).	ISI MARKED Confirming as per test report No. 21NN0160
4	HANDLE BAR	As per IS 625:2006 (with up-to- date amendments)	Confirming as per test report No. 21NN0161
5	STEERING HEAD ASSEMBLY	The steering handle bar shall be of lever type fitted to the head tube. The steering shall be free to turn at least 60 degree on either side of straight head position and shall exhibit no tight spots, stiffness, or slackness in the bearings correctly adjusted and conforming to IS 2973:1983(PH type) or IS12474:1988(R type) (with up-to- date amendments)	Confirming as per test report No. 21NN0164
6	SEAT PILLAR	As per ISI 626:2009(with up-to- date amendments)	Confirming as per test report No. 21NN0163
7	SADDLE (SEAT)	The saddle shall be comfortable and sturdy. It should be able to withstand a downward force of 668 N and horizontal force of 222 N at a point 25 mm from front or rear end.	Confirming as per test report No. 21NN0160
8	PEDAL ASSEMBLY	As per ISI 628:1993(with up-to- date amendments)	Confirming as per test report No. 21NN0162
9	HUB ASSEMBLY	As per ISI 629:1988(R type) or IS 12205:1988(PH type)(with up-to-date amendments)	Confirming as per test report No. 21NN0165
10	CRANK and CHAIN WHEEL	As per ISI 1281:1996(with up-to- date amendments)	Confirming as per test report No. 21NN0166
11	FREEWHEEL	As per ISI 1283:1995(with up-to- date amendments)	Confirming as per test report No. 21NN0167
12	CYCLE CHAIN	As per ISI 15511:2004(with up-to- date amendments)	Confirming as per test report No. 21NN0160
13	BOTTOM BRACKET AXLE	As per ISI 1131:2006(with up-to- date amendments)	Confirming as per test report No. 21NN0173
14	BOTTOM BRACKET BALL CUPS	As per ISI 1132:2009(with up-to- date amendments)	Confirming as per test report No. 21NN0174
15	BOTTOM BRACKET LOCK RING	As per IS 1134:2004(with up-to- date amendments)	Confirming as per test report No. 21NN0175
16	STEEL BALLS	As per ISI 15184:2002(with up-to- date amendments)	Confirming as per test report No. 21NN0177
17	PNEUMATIC TYRES	Seven ply rating tyres as per IS 2414:2005(with up-to-date amendments)	ISI MARKED Confirming as per test report No. 21NN0160
18	RUBBER TUBES	As per ISI 2415:2004(with up-to- date amendments)	ISI MARKED Confirming as per test report No. 21NN0160


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19	TUBE VALVES	As per ISI 532:2006(with up-to- date amendments)	Confirming as per test report No. 21NN0168
20	RIM	As per ISI 624:2003(with up-to- date amendments)	Confirming as per test report No. 21NN0178
21	SPOKES	As per ISI 630:2005(with up-to- date amendments)	Confirming as per test report No. 21NN0181
22	RIM TAPES and BUCKLES	As per ISI 960:2005 (with up-to- date amendments)	Confirming as per test report No. 21NN0172
23	LUGGAGE CARRIER	As per ISI: 14363:2009 (with up-to- date amendments)	Confirming as per test report No.21NN0171
24	COTTER PINS, WASHERS and NUTS	As per ISI 1282:1968(with up-to- date amendments)	Confirming as per test report No. 21NN0170
25	BICYCLE LOCK	As per ISI 6799:1987(with up-to- date amendments) or equivalent.	Confirming as per test report No. 21NN0176
26	BRAKES	Hand operated lever brake system shall be provided. The brake should pass the braking test as per IS 10613:2004.	Confirming as per test report No. 21NN0160
27	COLOURS	Complete Bicycle including frame, fork, front and rear mudguards with supporting rods, luggage carrier, Bicycle lock, chain cover, full stand, basket with supporting rods & dress guards to be supplied in Black colour. The P.V.C. coating itself of basket & dress guards, and all others painted parts should be of Black colour. Saddle, handle grips, rubber parts of pedals, brake shoes, tyres & tubes should be supplied in black colour.	Confirming as per test report No. 21NN0160
28	CHAIN COVER	Best quality make one side chain cover i.e. full half gear cover (FHGC) shall be provided shielding the outer side of chain and chain wheel against the entrapment of clothing or body parts.	Confirming as per test report No. 21NN0160
29	BASKET	The overall size of basket shall be Top- 260X300 mm. Height-210 mm, Bottom- 240X200 mm. Netted with PVC coating, properly supported by 3mm steel wire horizontally and vertically. The complete basket should be netted with PVC coated 19SWG steel mesh and having maximum pitch 8mmX8mm. Basket shall be fitted by clamping with steel nuts and bolts..	Confirming as per test report No. 21NN0160
30	DRESS GUARD	Dress guard shall be provided on both sides of the rear wheel with 3mm steel wire rod. The vertical side of guard shall be within the range of 250 to 300mm and length of the horizontal side should be within the range of 325 mm to 400 mm. All the mesh should be PVC coated. The completed dress guard should be netted with PVC coated 19 SWG steel mesh having maximum pitch 8mmX8mm..	Confirming as per test report No. 21NN0160
31	ADDITIONAL FEATURES	The bicycle shall be supplied with guarantee for one year against any manufacturing defect. Each bicycle shall conform to the safety and performance requirements as per ISI 10613:2014 and shall be inspected by the inspecting agency (Recognized Lab/Test Centre Authorised by the state Government / Centre Government or any by the Government Department)	Confirming as per test report No. 21NN0160


		covering the performance tests as per ISI 10613:2014. The bicycle shall be supplied with REFLECTORS (as per Supreme Court Guidelines) Full Stand, BELL and any other item/part that is essential for a complete bicycle and is not mentioned above. Wherever a item is not specified, it should be of standard quality.	
32	WEIGHT OF COMPLETE LADIES BICYCLE	WEIGHT OF COMPLETE LADIES BICYCLE 20 INCHES WILL BE 20 KGS (MINIMUM)WITHOUT FILLING AIR IN TUBES..	Sample Bicycles Frame Numbers & Weight (I. 210022510 weight 20.400 kg. and II.210022512 weight 20.310 kg.)
33	LOGO	Logo should be embossed with the white background. The Message and picture in black colour of metallic plate of elliptical size of major dia 7 cm and minor dia 5 cm fitted, one logo fitted in the front of basket and second logo fitted in the back of mudguard of bicycle. The design of logo will be provided with the letter of acceptance.	Yes


Note:- This Report is based upon the test report of Research and Development Centre for Bicycle & Sewing Machine, Ludhiana.



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 (सदस्य)
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 (सदस्य)
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 संस्कृत शिक्षा,
 राज0 जयपुर


 (सदस्य)
 वित्तीय सलाहकार
 माध्यमिक शिक्षा, राज0
 बीकानेर


 अध्यक्ष,
 निदेशक,
 माध्यमिक शिक्षा
 राज0-बीकानेर

Office of the Director, Secondary Education, Rajasthan, Bikaner

Technical Bid Opening Date 11-05-2021


- (1) Name of Firm:-**S.K. Bikes Ltd. Ludhiana (Punjab)**.
- (2) Technical evaluation of sample bicycles on Dated 17-05-2021
- (3) Items Details : Technical Specifications for 20" ladies bicycles as bid document term and conditions (AS PER ANNEXURE-2)
- (4) Make : S.K. BIKES & MODEL :PANTHER


No.	Particulars	Specifications as per bid document	Result
1	FRAME	The frame (curved frame) for bicycle for ladies shall conform to IS:623:2008 (with up-to-date amendments)	ISI MARKED Confirming as per test report No. 21NN0217
2	FORK (FRONT)	As per IS:2061:1995 (with up-to-date amendments)	ISI MARKED Confirming as per test report No. 21NN0217
3	MUDGUARD	The mudguard shall be made from CR Sheet of not less than 0.45 mm as per relevant IS:6218:2008(with up-to-date amendments).	ISI MARKED Confirming as per test report No. 21NN0217
4	HANDLE BAR	As per IS 625:2006 (with up-to- date amendments)	Confirming as per test report No. 21NN0218
5	STEERING HEAD ASSEMBLY	The steering handle bar shall be of lever type fitted to the head tube. The steering shall be free to turn at least 60 degree on either side of straight head position and shall exhibit no tight spots, stiffness, or slackness in the bearings correctly adjusted and conforming to IS 2973:1983(PH type) or IS12474:1988(R type) (with up-to- date amendments)	Confirming as per test report No. 21NN0231
6	SEAT PILLAR	As per ISI 626:2009(with up-to- date amendments)	Confirming as per test report No. 21NN0226
7	SADDLE (SEAT)	The saddle shall be comfortable and sturdy. It should be able to withstand a downward force of 668 N and horizontal force of 222 N at a point 25 mm from front or rear end.	Confirming as per test report No. 21NN0217
8	PEDAL ASSEMBLY	As per ISI 628:1993(with up-to- date amendments)	Confirming as per test report No. 21NN0225
9	HUB ASSEMBLY	As per ISI 629:1988(R type) or IS 12205:1988(PH type)(with up-to-date amendments)	Confirming as per test report No. 21NN0232
10	CRANK and CHAIN WHEEL	As per ISI 1281:1996(with up-to- date amendments)	Confirming as per test report No. 21NN0220
11	FREEWHEEL	As per ISI 1283:1995(with up-to- date amendments)	Confirming as per test report No. 21NN0221
12	CYCLE CHAIN	As per ISI 15511:2004(with up-to- date amendments)	Confirming as per test report No. 21NN0217
13	BOTTOM BRACKET AXLE	As per ISI 1131:2006(with up-to- date amendments)	Confirming as per test report No. 21NN0222
14	BOTTOM BRACKET BALL CUPS	As per ISI 1132:2009(with up-to- date amendments)	Confirming as per test report No. 21NN0223
15	BOTTOM BRACKET LOCK RING	As per IS 1134:2004(with up-to- date amendments)	Confirming as per test report No. 21NN0224
16	STEEL BALLS	As per ISI 15184:2002(with up-to- date amendments)	Confirming as per test report No. 21NN0227
17	PNEUMATIC TYRES	Seven ply rating tyres as per IS 2414:2005(with up-to-date amendments)	ISI MARKED Confirming as per test report No. 21NN0217
18	RUBBER TUBES	As per ISI 2415:2004(with up-to- date amendments)	ISI MARKED Confirming as per test report No. 21NN0217


19	TUBE VALVES	As per ISI 532:2006(with up-to- date amendments)	Confirming as per test report No. 21NN0233
20	RIM	As per ISI 624:2003(with up-to- date amendments)	Confirming as per test report No. 21NN0234
21	SPOKES	As per ISI 630:2005(with up-to- date amendments)	Confirming as per test report No. 21NN0219
22	RIM TAPES and BUCKLES	As per ISI 960:2005 (with up-to- date amendments)	Confirming as per test report No. 21NN0228
23	LUGGAGE CARRIER	As per ISI: 14363:2009 (with up-to- date amendments)	Confirming as per test report No. 21NN0229
24	COTTER PINS, WASHERS and NUTS	As per ISI 1282:1968(with up-to- date amendments)	Confirming as per test report No. 21NN0230
25	BICYCLE LOCK	As per ISI 6799:1987(with up-to- date amendments) or equivalent.	Confirming as per test report No. 21NN0235
26	BRAKES	Hand operated lever brake system shall be provided. The brake should pass the braking test as per IS 10613:2004.	Confirming as per test report No. 21NN0217
27	COLOURS	Complete Bicycle including frame, fork, front and rear mudguards with supporting rods, luggage carrier, Bicycle lock, chain cover, full stand, basket with supporting rods & dress guards to be supplied in Black colour. The P.V.C. coating itself of basket & dress guards, and all others painted parts should be of Black colour. Saddle, handle grips, rubber parts of pedals, brake shoes, tyres & tubes should be supplied in black colour.	Confirming as per test report No. 21NN0217
28	CHAIN COVER	Best quality make one side chain cover i.e. full half gear cover (FHGC) shall be provided shielding the outer side of chain and chain wheel against the entrapment of clothing or body parts.	Confirming as per test report No. 21NN0217
29	BASKET	The overall size of basket shall be Top- 260X300 mm. Height-210 mm, Bottom- 240X200 mm. Netted with PVC coating, properly supported by 3mm steel wire horizontally and vertically. The complete basket should be netted with PVC coated 19SWG steel mesh and having maximum pitch 8mmX8mm. Basket shall be fitted by clamping with steel nuts and bolts..	Confirming as per test report No. 21NN0217
30	DRESS GUARD	Dress guard shall be provided on both sides of the rear wheel with 3mm steel wire rod. The vertical side of guard shall be within the range of 250 to 300mm and length of the horizontal side should be within the range of 325 mm to 400 mm. All the mesh should be PVC coated. The completed dress guard should be netted with PVC coated 19 SWG steel mesh having maximum pitch 8mmX8mm..	Confirming as per test report No. 21NN0217
31	ADDITIONAL FEATURES	The bicycle shall be supplied with guarantee for one year against any manufacturing defect. Each bicycle shall conform to the safety and performance requirements as per ISI 10613:2014 and shall be inspected by the inspecting agency (Recognized Lab/Test Centre Authorised by the state Government / Centre Government or any by the Government Department)	Confirming as per test report No. 21NN0217

		covering the performance tests as per ISI 10613:2014. The bicycle shall be supplied with REFLECTORS (as per Supreme Court Guidelines) Full Stand, BELL and any other item/part that is essential for a complete bicycle and is not mentioned above. Wherever a item is not specified, it should be of standard quality.	
32	WEIGHT OF COMPLETE LADIES BICYCLE	WEIGHT OF COMPLETE LADIES BICYCLE 20 INCHES WILL BE 20 KGS (MINIMUM)WITHOUT FILLING AIR IN TUBES..	Frame Numbers & weight of sample bicycles (1. V28506 weight 20.200 kg. and 2. V28502 weight 20.190 kg.)
33	LOGO	Logo should be embossed with the white background. The Message and picture in black colour of metallic plate of elliptical size of major dia 7 cm and minor dia 5 cm fitted, one logo fitted in the front of basket and second logo fitted in the back of mudguard of bicycle. The design of logo will be provided with the letter of acceptance.	Yes

Note:- This Report is based upon the test report of Research and Development Centre for Bicycle & Sewing Machine, Ludhiana.



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 (सदस्य)
 प्रतिनिधि निदेशक
 (प्रशिक्षण)
 तकनीकी शिक्षा
 राज०-जोधपुर


 (सदस्य)
 प्रतिनिधि
 निदेशक
 तकनीकी शिक्षा
 राज०-जोधपुर


 (सदस्य)
 प्रतिनिधि,
 निदेशक,
 संस्कृत शिक्षा,
 राज० जयपुर


 (सदस्य)
 वित्तीय सलाहकार
 माध्यमिक शिक्षा, राज०
 बीकानेर


 अध्यक्ष,
 निदेशक,
 माध्यमिक शिक्षा
 राज०-बीकानेर

Office of the Director, Secondary Education, Rajasthan, Bikaner

Technical Bid Opening Date 11-05-2021


- (1) Name of Firm:- Hero Ecotech Ltd. Ludhiana (Punjab)
- (2) Technical Evaluation of Sample Bicycles on Dated 17-05-2021
- (3) Items Details : Technical Specifications for 20" ladies bicycles as bid document term and conditions (ANNEXURE-2)
- (4) Make: KROSS & MODEL : KAVERI


No.	Particulars	Specifications as per bid document	Result
1	FRAME	The frame (curved frame) for bicycle for ladies shall conform to IS:623:2008 (with up-to-date amendments)	ISI MARKED Confirming as per test report No. 21NN0198
2	FORK (FRONT)	As per IS:2061:1995 (with up-to-date amendments)	ISI MARKED Confirming as per test report No. 21NN0198
3	MUDGUARD	The mudguard shall be made from CR Sheet of not less than 0.45 mm as per relevant IS:6218:2008(with up-to-date amendments).	ISI MARKED Confirming as per test report No. 21NN0198
4	HANDLE BAR	As per IS 625:2006 (with up-to- date amendments)	Confirming as per test report No. 21NN0199
5	STEERING HEAD ASSEMBLY	The steering handle bar shall be of lever type fitted to the head tube. The steering shall be free to turn at least 60 degree on either side of straight head position and shall exhibit no tight spots, stiffness, or slackness in the bearings correctly adjusted and conforming to IS 2973:1983(PH type) or IS12474:1988(R type) (with up-to- date amendments)	Confirming as per test report No. 21NN0213
6	SEAT PILLAR	As per ISI 626:2009(with up-to- date amendments)	Confirming as per test report No. 21NN0205
7	SADDLE (SEAT)	The saddle shall be comfortable and sturdy. It should be able to withstand a downward force of 668 N and horizontal force of 222 N at a point 25 mm from front or rear end.	Confirming as per test report No. 21NN0198
8	PEDAL ASSEMBLY	As per ISI 628:1993(with up-to- date amendments)	Confirming as per test report No. 21NN0204
9	HUB ASSEMBLY	As per ISI 629:1988(R type) or IS 12205:1988(PH type)(with up-to-date amendments)	Confirming as per test report No. 21NN0203
10	CRANK and CHAIN WHEEL	As per ISI 1281:1996(with up-to- date amendments)	Confirming as per test report No. 21NN0201
11	FREEWHEEL	As per ISI 1283:1995(with up-to- date amendments)	Confirming as per test report No. 21NN0202
12	CYCLE CHAIN	As per ISI 15511:2004(with up-to- date amendments)	Confirming as per test report No. 21NN0198
13	BOTTOM BRACKET AXLE	As per ISI 1131:2006(with up-to- date amendments)	Confirming as per test report No. 21NN0209
14	BOTTOM BRACKET BALL CUPS	As per ISI 1132:2009(with up-to- date amendments)	Confirming as per test report No. 21NN0210
15	BOTTOM BRACKET LOCK RING	As per IS 1134:2004(with up-to- date amendments)	Confirming as per test report No. 21NN0211
16	STEEL BALLS	As per ISI 15184:2002(with up-to- date amendments)	Confirming as per test report No. 21NN0206
17	PNEUMATIC TYRES	Seven ply rating tyres as per IS 2414:2005(with up-to- date amendments)	ISI MARKED Confirming as per test report No. 21NN0198
18	RUBBER TUBES	As per ISI 2415:2004(with up-to- date amendments)	ISI MARKED Confirming as per test report No. 21NN0198

19	TUBE VALVES	As per ISI 532:2006(with up-to- date amendments)	Confirming as per test report No. 21NN0215
20	RIM	As per ISI 624:2003(with up-to- date amendments)	Confirming as per test report No. 21NN0216
21	SPOKES	As per ISI 630:2005(with up-to- date amendments)	Confirming as per test report No. 21NN0200
22	RIM TAPES and BUCKLES	As per ISI 960:2005 (with up-to- date amendments)	Confirming as per test report No. 21NN0207
23	LUGGAGE CARRIER	As per ISI: 14363:2009 (with up-to- date amendments)	Confirming as per test report No. 21NN0208
24	COTTER PINS, WASHERS and NUTS	As per ISI 1282:1968(with up-to- date amendments)	Confirming as per test report No. 21NN0212
25	BICYCLE LOCK	As per ISI 6799:1987(with up-to- date amendments) or equivalent.	Confirming as per test report No. 21NN0214
26	BRAKES	Hand operated lever brake system shall be provided. The brake should pass the braking test as per IS 10613:2004.	Confirming as per test report No. 21NN0198
27	COLOURS	Complete Bicycle including frame, fork, front and rear mudguards with supporting rods, luggage carrier, Bicycle lock, chain cover, full stand, basket with supporting rods & dress guards to be supplied in Black colour. The P.V.C. coating itself of basket & dress guards, and all others painted parts should be of Black colour. Saddle, handle grips, rubber parts of pedals, brake shoes, tyres & tubes should be supplied in black colour.	Confirming as per test report No. 21NN0198
28	CHAIN COVER	Best quality make one side chain cover i.e. full half gear cover (FHGC) shall be provided shielding the outer side of chain and chain wheel against the entrapment of clothing or body parts.	Confirming as per test report No. 21NN0198
29	BASKET	The overall size of basket shall be Top- 260X300 mm. Height-210 mm, Bottom- 240X200 mm. Netted with PVC coating, properly supported by 3mm steel wire horizontally and vertically. The complete basket should be netted with PVC coated 19SWG steel mesh and having maximum pitch 8mmX8mm. Basket shall be fitted by clamping with steel nuts and bolts..	Confirming as per test report No. 21NN0198
30	DRESS GUARD	Dress guard shall be provided on both sides of the rear wheel with 3mm steel wire rod. The vertical side of guard shall be within the range of 250 to 300mm and length of the horizontal side should be within the range of 325 mm to 400 mm. All the mesh should be PVC coated. The completed dress guard should be netted with PVC coated 19 SWG steel mesh having maximum pitch 8mmX8mm..	Confirming as per test report No. 21NN0198
31	ADDITIONAL FEATURES	The bicycle shall be supplied with guarantee for one year against any manufacturing defect. Each bicycle shall conform to the safety and performance requirements as per ISI 10613:2014 and shall be inspected by the inspecting agency (Recognized Lab/Test Centre Authorised by the state Government / Centre Government or any by the Government Department)	Confirming as per test report No. 21NN0198

		covering the performance tests as per ISI 10613:2014. The bicycle shall be supplied with REFLECTORS (as per Supreme Court Guidelines) Full Stand, BELL and any other item/part that is essential for a complete bicycle and is not mentioned above. Wherever a item is not specified, it should be of standard quality.	
32	WEIGHT OF COMPLETE LADIES BICYCLE	WEIGHT OF COMPLETE LADIES BICYCLE 20 INCHES WILL BE 20 KGS (MINIMUM)WITHOUT FILLING AIR IN TUBES..	Sample Bicycles Frame Numbers & Weight (I. JH010768 weight 20.030 kg. and II.JH010430 weight 20.070 kg.)
33	LOGO	Logo should be embossed with the white background. The Message and picture in black colour of metallic plate of elliptical size of major dia 7 cm and minor dia 5 cm fitted, one logo fitted in the front of basket and second logo fitted in the back of mudguard of bicycle. The design of logo will be provided with the letter of acceptance.	Yes

Note:- This Report is based upon the test report of Research and Development Centre for Bicycle & Sewing Machine, Ludhiana.



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 राज0-बीकानेर

Office of the Director, Secondary Education, Rajasthan, Bikaner

Technical Bid Opening Date 11-05-2021


- (1) Name of Firm:-**Hero cycle G.T. Road Ludhiana (Punjab).**
 (2) Technical evaluation of Sample Bicycles on Dated 17-05-2021)
 (3) Items Details : Technical Specifications for 20" ladies bicycles as bid document term and conditions (As Per ANNEXURE-2)
 (4) Make :- Hero & Model :- JET MASTER GOLD 50 CM (CURVED) BLACK COLOUR

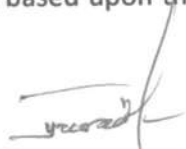
No.	Particulars	Specifications as per bid document	Result
1	FRAME	The frame (curved frame) for bicycle for ladies shall conform to IS:623:2008 (with up-to-date amendments)	ISI MARKED Confirming as per test report No. 21NN0179
2	FORK (FRONT)	As per IS:2061:1995 (with up-to-date amendments)	ISI MARKED Confirming as per test report No. 21NN0179
3	MUDGUARD	The mudguard shall be made from CR Sheet of not less than 0.45 mm as per relevant IS:6218:2008(with up-to-date amendments).	ISI MARKED Confirming as per test report No. 21NN0179
4	HANDLE BAR	As per IS 625:2006 (with up-to- date amendments)	Confirming as per test report No. 21NN0180
5	STEERING HEAD ASSEMBLY	The steering handle bar shall be of lever type fitted to the head tube. The steering shall be free to turn at least 60 degree on either side of straight head position and shall exhibit no tight spots, stiffness, or slackness in the bearings correctly adjusted and conforming to IS 2973:1983(PH type) or IS12474:1988(R type) (with up-to- date amendments)	Confirming as per test report No. 21NN0193
6	SEAT PILLAR	As per ISI 626:2009(with up-to- date amendments)	Confirming as per test report No. 21NN0188
7	SADDLE (SEAT)	The saddle shall be comfortable and sturdy. It should be able to withstand a downward force of 668 N and horizontal force of 222 N at a point 25 mm from front or rear end.	Confirming as per test report No. 21NN0179
8	PEDAL ASSEMBLY	As per ISI 628:1993(with up-to- date amendments)	Confirming as per test report No. 21NN0187
9	HUB ASSEMBLY	As per ISI 629:1988(R type) or IS 12205:1988(PH type)(with up-to-date amendments)	Confirming as per test report No. 21NN0184
10	CRANK and CHAIN WHEEL	As per ISI 1281:1996(with up-to- date amendments)	Confirming as per test report No. 21NN0182
11	FREEWHEEL	As per ISI 1283:1995(with up-to- date amendments)	Confirming as per test report No. 21NN0183
12	CYCLE CHAIN	As per ISI 15511:2004(with up-to- date amendments)	Confirming as per test report No. 21NN0179
13	BOTTOM BRACKET AXLE	As per ISI 1131:2006(with up-to- date amendments)	Confirming as per test report No. 21NN0185
14	BOTTOM BRACKET BALL CUPS	As per ISI 1132:2009(with up-to- date amendments)	Confirming as per test report No. 21NN0186
15	BOTTOM BRACKET LOCK RING	As per IS 1134:2004(with up-to- date amendments)	Confirming as per test report No. 21NN0195
16	STEEL BALLS	As per ISI 15184:2002(with up-to- date amendments)	Confirming as per test report No. 21NN0189
17	PNEUMATIC TYRES	Seven ply rating tyres as per IS 2414:2005(with up-to-date amendments)	ISI MARKED Confirming as per test report No. 21NN0179
18	RUBBER TUBES	As per ISI 2415:2004(with up-to- date amendments)	ISI MARKED Confirming as per test report No. 21NN0179

19	TUBE VALVES	As per ISI 532:2006(with up-to- date amendments)	Confirming as per test report No. 21NN0196
20	RIM	As per ISI 624:2003(with up-to- date amendments)	Confirming as per test report No. 21NN0197
21	SPOKES	As per ISI 630:2005(with up-to- date amendments)	Confirming as per test report No. 21NN0181
22	RIM TAPES and BUCKLES	As per ISI 960:2005 (with up-to- date amendments)	Confirming as per test report No. 21NN0190
23	LUGGAGE CARRIER	As per ISI: 14363:2009 (with up-to- date amendments)	Confirming as per test report No. 21NN0191
24	COTTER PINS, WASHERS and NUTS	As per ISI 1282:1968(with up-to- date amendments)	Confirming as per test report No. 21NN0192
25	BICYCLE LOCK	As per ISI 6799:1987(with up-to- date amendments) or equivalent.	Confirming as per test report No. 21NN0194
26	BRAKES	Hand operated lever brake system shall be provided. The brake should pass the braking test as per IS 10613:2004.	Confirming as per test report No. 21NN0179
27	COLOURS	Complete Bicycle including frame, fork, front and rear mudguards with supporting rods, luggage carrier, Bicycle lock, chain cover, full stand, basket with supporting rods & dress guards to be supplied in Black colour. The P.V.C. coating itself of basket & dress guards, and all others painted parts should be of Black colour. Saddle, handle grips, rubber parts of pedals, brake shoes, tyres & tubes should be supplied in black colour.	Confirming as per test report No. 21NN0179
28	CHAIN COVER	Best quality make one side chain cover i.e. full half gear cover (FHGC) shall be provided shielding the outer side of chain and chain wheel against the entrapment of clothing or body parts.	Confirming as per test report No. 21NN0179
29	BASKET	The overall size of basket shall be Top- 260X300 mm. Height-210 mm, Bottom- 240X200 mm. Netted with PVC coating, properly supported by 3mm steel wire horizontally and vertically. The complete basket should be netted with PVC coated 19SWG steel mesh and having maximum pitch 8mmX8mm. Basket shall be fitted by clamping with steel nuts and bolts..	Confirming as per test report No. 21NN0179
30	DRESS GUARD	Dress guard shall be provided on both sides of the rear wheel with 3mm steel wire rod. The vertical side of guard shall be within the range of 250 to 300mm and length of the horizontal side should be within the range of 325 mm to 400 mm. All the mesh should be PVC coated. The completed dress guard should be netted with PVC coated 19 SWG steel mesh having maximum pitch 8mmX8mm..	Confirming as per test report No. 21NN0179
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		covering the performance tests as per ISI 10613:2014. The bicycle shall be supplied with REFLECTORS (as per Supreme Court Guidelines) Full Stand, BELL and any other item/part that is essential for a complete bicycle and is not mentioned above. Wherever a item is not specified, it should be of standard quality.	
32	WEIGHT OF COMPLETE LADIES BICYCLE	WEIGHT OF COMPLETE LADIES BICYCLE 20 INCHES WILL BE 20 KGS (MINIMUM)WITHOUT FILLING AIR IN TUBES..	Sample Bicycle- Frame Numbers & weight (1. W811463 weight 20.840 kg. and 2. W811461 weight 20.670 kg.)
33	LOGO	Logo should be embossed with the white background. The Message and picture in black colour of metallic plate of elliptical size of major dia 7 cm and minor dia 5 cm fitted, one logo fitted in the front of basket and second logo fitted in the back of mudguard of bicycle. The design of logo will be provided with the letter of acceptance.	Yes


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