

Amendment no.1

October 17,2013

Sub : Amendment to the tender for the Supply Installation, Integration, Testing and Commissioning of On Line Vulcanising Tumblers in pair for the BTADL Condom Dipping Machine on turnkey basis at our factory in Irapuram, Kerala

Ref : HLL/CED/CON-AUG/SIITC/VUL.TUMBLER/BTADL CDM/2013 dtd. 11-10-2013

With reference to the above, we here by incorporate the following amendment to the tender documents as detailed below :

Amendment no.1

The last date of date for receipt and opening of bid of the above referred tender has been amended as follows.

- (a) Last date and time of receipt of tender : 30-10-2013,15.00Hrs
(b) Date and time of opening tender : 30- 10- 2013, 15.30Hrs

(c)Page 1-Existing

Sl. No	Brief Description of Item	Quantity	EMD Amount in Rs
1	Supply, Installation, Integration, Testing and Commissioning of On Line Vulcanising Tumblers in pair for the BTADL Condom Dipping Machine a tour factory in Irapuram, Kerala	As per schedule of items	Rs. 10,000/-

Amended as

Sl. No	Brief Description of Item	Quantity	EMD Amount in Rs
1	Supply, Installation, Integration, Testing and Commissioning of On Line Vulcanising Tumblers in pair for the BTADL Condom Dipping Machine on turnkey basis at our factory in Irapuram, Kerala	As per schedule of items	Rs. 10,000/-

(d) Page 6, Clause 4

Existing

- 4. DRIVE SYSTEM:** IT CONSISTS OF 2 nos DIRECT DRIVEN MOTORISED GEARBOX HOLLOW SHAFT (UNDER THE SCOPE OF HLL) ABLE TO DRIVE ROTATING DRUM OF VULCANISING TUMBLER IN BOTH FORWARD AND REVERSE DIRECTION(VFD ENABLED). THIS WILL CATER THE EXACT NEEDS OF THE ONLINE VULACINISING PROCESS OF LOADING, VULACANISING, QUENCHING AND UNLOADING IN THE PNEUMATICALLY ACTUATED TRAY PROVIDED FOR THE SAME. ROTATING DRUM AS PER DRAWING IS TO BE DULY BALANCED FOR FORWARD AND REVERSE DIRECTIONS AT 32 RPM. SUITABALE MOTORISED GEAR WITH HOLLOW OUTPUT SHAFT, SHOULD BE ABLE TO DRIVE TORQUE OF 500 N.M AND MOTOR POWER 2 KW MOTORISED GEAR SHOULD BE WITH SUITABLE REDUCTION RATIO, LIFE LUBRICATED AND MAINTENANCE FREE.

Amended as

- 4. DRIVE SYSTEM:** IT CONSISTS OF 2 nos DIRECT DRIVEN MOTORISED GEARBOX HOLLOW SHAFTABLE TO DRIVE ROTATING DRUM OF VULCANISING TUMBLER IN BOTH FORWARD AND REVERSE DIRECTION(VFD ENABLED). THIS WILL CATER THE EXACT NEEDS OF THE ONLINE VULACINISING PROCESS OF LOADING, VULACANISING, QUENCHING AND UNLOADING IN THE PNEUMATICALLY ACTUATED TRAY PROVIDED FOR THE SAME. ROTATING DRUM AS PER DRAWING IS TO BE DULY BALANCED FOR FORWARD AND REVERSE

DIRECTIONS AT 32 RPM. SUITABLE MOTORISED GEAR WITH HOLLOW OUTPUT SHAFT, SHOULD BE ABLE TO DRIVE TORQUE OF 500 N.M AND MOTOR POWER 2 KW MOTORISED GEAR SHOULD BE WITH SUITABLE REDUCTION RATIO, LIFE LUBRICATED AND MAINTENANCE FREE.

(e) Price bid-Page 4

Existing

Sub dividing – Right - 3/2 Single sol.valve

- Sliding table – left - 5/2 Single sol.valve
- Sliding table – Right - 5/2 Single sol.valve
- Chute - Left - 5/2 Single sol.valve
- Chute - Right - 5/2 Single sol.valve

Motors.

- Barrel motor - 2 nos. - 2HP, 440 VAC, 3 PHASE.
- Blower motor - 2 nos. - 2 HP,440VAC,3 PHASE
- Carry fan motor - 1no. - 7 HP, 440VAC, 3 PHASE

PANEL BOARD FOR TUMBLING MACHINE

The panel board contains the following components with proper process programming in PLC and fully wired & terminated at the bottom. The panel size should be 1800 x600x400 mm including base, powder coated and the cable entry should be back at the bottom.

The panel board consists of minimum following components.-

Fron panel

1. Selector switch 3 way - 9 nos.
2. Push switch - 3 nos.
3. Indicators (LED) - 19 nos.
4. Buzzer - 1.no.
5. HMI (touch screen) - 1 no.
6. Temperature controller - 2 nos.

Panel Inside.

1. Main Isolator / MCCB,3 phase,440VAC - 1 no.
2. MPCB , 2 HP,3phase ,440VAC - 4 nos.
3. MPCB, 7.5 HP,3phase ,440VAC - 1 no.
4. MCB, 5 A,230VAC - 3 nos.
5. Contactor for 2 HP motor,3 phase,440VAC - 6 nos.
6. Contactor for 7 HP motor,3 phase,440VAC - 1 no.
7. Contactor, 10 A - 2 nos.
8. Power supply,230VAc/ 24 VDC 5A - 1No.
9. Relays, 24 vdc - 20 nos.
10. Isolation Transformer 230/230Vac - 1no.
11. Panel board Exhaust Fan - 1 no.
12. Panel lamp - 1 no.
13. PLC - 1no.

All the Electrical switch gears should be Schneider/ A-B/ Pepperl& Fuchs / Spre

Ammended as

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- Chute - Right - 5/2 Single sol.valve

Motors.

- Barrel motor - 2 nos. - 2HP, 440 VAC, 3 PHASE.
- Blower motor - 2 nos. - 2 HP,440VAC,3 PHASE
- Carry fan motor - 1no. - 7 HP, 440VAC, 3 PHASE(Under the scope of HLL)

PANEL BOARD FOR TUMBLING MACHINE

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The panel board consists of minimum following components.-

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(f) In Drawing no. HLL-CED-B2-001-00 the gear box supply is in supplier's scope

ASSOCIATE VICE PRESIDENT (CED)