

Annexure – C: List of Items and Technical Specification

A) List of Items

| Sl. No. | Description | Unit | Qty. | Vendor's Confirmation – Quoted (YES / NO) |
|---------|--------------------------------|------|------|---|
| 01 | LPG Fired Steam Generator | No. | 01 | |
| 02 | Potato Peeler Capacity 10Kg | No. | 01 | |
| 03 | Wet Grinder Capacity 12 Litres | No. | 04 | |

B) Technical Specification

Item Sl. No. 01) LPG Fired Steam Generator

SUPPLY, ERECTION & COMMISSIONING OF LPG STEAM GENERATOR WITH SUPER HEATER ARRANGEMENT AS PER THE SPECIFICATION & SCOPE.

| | |
|--------------------|--|
| Type | Low Pressure Steam Generator with Super Heater Arrangement. |
| Fuel | LPG Burner |
| Operating Pressure | 0.9 KG/SQ CM |
| Test Pressure | 4 KG/SQ CM |
| Material | The Inner Shell shall be made Stainless Steel of AISI 304Gr. 5MM Thick and Outer Shell shall be made with M.S IS2062 of 10 MM thickness. |

ACCESSORIES TO BE SUPPLIED AND FITTING ALONG WITH THE GENERATOR.

1. Safety Valve.
 - i. Spring Loaded 1 No.
 - ii. Dead Weight 1 No. Set it 1.5 Kg/SQ CM.
2. Pressure Guage: 0.5 KG/SQ CM mounted on the Inner Vessel Lid.
3. Emergency Water Filling Funnel.
4. Water Level Indicator: S S Pipes, Fitting with S S Guard.
5. S S Float Valve ¾" Fitted at Water Inlet.
6. Drain Valve 1 ½".

GENERAL POINTS:

1. All connecting flange inner to outer Vessel both side made out of S S.
2. The Outer Shell should be insulated with 80mm thick Glass Wool and covered by 16 SWG Gr.1.

3. The Door of 400 x 250 mm size shall be provided on outer Vessel for Burner in Stainless Steel and other accessibility.
4. A Mild Steel stand of 600mm height shall be supplied to rest the Boiler.
5. Top Lid shall be provided with sealing gasket with SS Bolt and Nut.
6. Inlet and Outlet Pipe shall be S S.
7. Chimney of dia 150mm of 14 SWG. MS Sheet of 3M height with Flanges shall be provided.
8. 6" dia M S Flange Bolt & Nut arrangement 2 Nos. both sides on the Outer Vessel shall be provided.
9. The Steam Generator shall be Hydraulically tested for 4 Kg/SQ CM for one hour at Supplier Works.
10. Equipment shall be offered for Inspection before Dispatch.

Item Sl. No. 02) Potato Peeler

| Sl. No. | Description | Requirement | Vendor's Confirmation |
|---------|---|--------------------------------------|-----------------------|
| 01 | Capacity | 10Kg / Batch | |
| 02 | Material | Fully made of SS Grade AISI304 Grade | |
| 03 | Thickness of Metal | 16SWG | |
| 04 | Peeling Time | 50 Sec – 90 Sec | |
| 05 | Power Supply | 440 Volts | |
| 06 | Wheel | Strong Emery Bonded Wheel | |
| 07 | Operation with Running Water | | |
| 08 | Water inlet tube to be provided | | |
| 09 | Drain outlet to be provided for waste disposal along with water | | |

Item Sl. No. 03) Wet Grinder

| Sl. No. | Description | Requirement | Vendor's Confirmation |
|----------------|--|---|------------------------------|
| 01 | Heavy Duty Industrial Wet Grinder | | |
| 02 | Capacity | 12 Litres | |
| 03 | Drum Material | SS AISI 304 Grade | |
| 04 | Stand & Cover | Fully made of Stainless Steel | |
| 05 | Frame | Fabricated SS | |
| 06 | Stone | Full stone with lifting arrangement (wooden vatta is not accepted) | |
| 07 | Rice Stopper | Made of Teflon | |
| 08 | Motor | 3 phase, 440V Reputed make like Crompton / Kirloskar / NGEF / BB | |
| 09 | Gear Box | New Gear Box with hardened gears and new SKF bearings | |
| 10 | Bolts & Nuts | SS | |
| 11 | Inspection | Inspection at vendors' work prior to despatch | |

Suppliers' signature with seal