

**Supplementary Environmental Impact Assessment (EIA)  
Study of Chorka Textile Limited formerly (Habiganj Textiles  
Limited)**

**In the year 2025**

## CHAPTER 3

**2016:**

### PROJECT DESCRIPTION

#### **3.1 Introduction**

Habiganj Textiles Ltd is a Textile industry of Knitting, Dyeing and Dyeing Finishing. It's located in Olipur, Shayestagonj, Habiganj, Bangladesh beside the Dhaka-Sylhet highway and only 140 km from Dhaka the capital city of Bangladesh. Chorka Textile Ltd. is an enterprise of PRAN-RFL Group. It is a sister concern of PRAN-RFL Group. Export oriented Textile industry Portfolio includes Fabric Knitting and Knit Dyeing with Finishing Ensure quality products, competitive price and on time delivery.

**2025:**

### PROJECT DESCRIPTION

#### **3.1 Introduction**

Habigonj Textiles Limited was a backward linkage company of Chorka Textile Limited. Both the company had identical Board of Directors and operational management. In order to sustain the business process, human and nature, The Board of Directors decided to amalgamate both companies in the name of Chorka Textile Limited.

According to the Hon'ble High Court order on company matter no. 279 of 2019, ref; SL-1596 dated December 27, 2020, the Scheme of Amalgamation of Habigonj Textiles Limited and Chorka Textile Limited has been granted. The court has ordered that the whole undertaking, properties and liabilities of the Transferor Company (HTL) shall be vested in and transferred to the transferee company (CTL).

Chorka Textile Limited is vertically set up in order to assuring quality, on time delivery & customer satisfaction.

Former Habigonj Textiles Limited now Chorka Textile Limited, is a Textiles industry of Knitting, Fabric Dyeing & Finishing, All over printing (AOP), Yarn Dyeing, Elastic and Sewing thread. It's located in Olipur, Shayestagonj, Habigonj, Bangladesh beside the Dhaka-Sylhet highway and only 140 km from Dhaka the capital city of Bangladesh.

Chorka Textile Limited is a world class Textile industry equipped with all latest & sophisticated machineries, and run by honest, dedicated & extensive experienced management and committed to ensure quality product with competitive price.

**2016:**

#### **3.2 Project Location and Existing Infrastructure Around the Project Site**

Habiganj Textiles Industry is proposed to be located at Olipur village in Nurpur union of Habiganj sadar Upazila under Habiganj district. Detail location of the proposed project site presented in the following Table 3-1. Proposed HTL covers area of 3.50 acres. The project land is privately owned agricultural land. HTL authority purchased all 3.50 acres land from the respective land owner. The proposed project site is located adjacent to the Dhaka Sylhet highway and only 140 km from Dhaka the capital city of Bangladesh. The proposed

project site is located north side of the Habiganj Industrial park of PRAN-RFL group. Other three sides are bounded by agricultural land. The closest settlement is located east side of the proposed project area at a distance of 150 meter. A canal is flowing beside the western boundary of the proposed area that is connected with Sutang River in the North-East direction at a distance of 2.5 km. Figure 3-1 shows the existing surrounding condition of the proposed project area.

**2025:**

### **3.2 Project Location and Existing Infrastructure Around the Project Site**

Chorka Textile formerly Habiganj Textiles Industry is located at Olipur village in Nurpur union of Shayestaganj Upazila under Habiganj district. Detail location of the existing project site presented in the following Table 3-1. CTL covers area of (10 Acre approx). The project land is privately owned agricultural land. HTL's all assets are vested in the CTL as per amalgamation process. The existing project site is located adjacent to the Dhaka Sylhet highway and only 140 km from Dhaka the capital city of Bangladesh. The existing project site is located middle East side of the Habiganj Industrial park of PRAN-RFL group. The east side is bounded by agricultural land, other three sides are bounded by industries. The closest settlement is located east side of the proposed project area at a distance of 150 meter. A canal is flowing beside the western boundary near the Project area that is connected with Sutang River in the North-East direction at a distance of 2.5 km. Figure 3-1 shows the existing surrounding condition of the existing project area.

**2016:**

**Table 3-1: Location of the Proposed Habiganj Textiles Industry**

| Sl. | Administrative Unit | Administrative Location Name |
|-----|---------------------|------------------------------|
| 1.  | Country             | Bangladesh                   |
| 2.  | Division            | Sylhet                       |
| 3.  | District            | Habiganj                     |
| 4.  | Upazila             | Habiganj Sadar               |
| 5.  | Thana               | Shayestaganj                 |
| 6.  | Union               | Nurpur                       |
| 7.  | Mauza               | Soilojura and Suraboi        |
| 8.  | Village             | Olipur                       |

**2025:**

**Table 3-1: Location of the Chorka Textile Limited, Textile Unit**

| Sl. | Administrative Unit | Administrative Location Name |
|-----|---------------------|------------------------------|
| 1   | Country             | Bangladesh                   |
| 2   | Division            | Sylhet                       |
| 3   | District            | Habiganj                     |
| 4   | Upazila             | Shayestaganj                 |
| 5   | Thana               | Shayestaganj                 |
| 6   | Union               | Nurpur                       |

|   |         |                       |
|---|---------|-----------------------|
| 7 | Mauza   | Soilojura and Suraboi |
| 8 | Village | Olipur                |

## 2016

### 3.3 Resources and Utility Demand

#### 3.3.1 Land Requirement

Total land requirement ins 350 decimal. The proposed textile industry will come in agricultural land. Total 350 land already purchased by the HTL from the respective land owner. No Objection Certificate (NOC) and Land title document of the HTL is provided in Annex B . Details of land is shown in following Table 3-2.

Table 3-2: Land details of Habiganj Textiles Limited

| District | Thana        | Mauza     | Daag No.                                     | Khatian                                                                      | Type of Land | Total land      |
|----------|--------------|-----------|----------------------------------------------|------------------------------------------------------------------------------|--------------|-----------------|
| Habiganj | Shayestaganj | Shoiljura | 211,<br>298,273,<br>300, 321,<br>33, 29, 142 | 1902,<br>1903,<br>1904,<br>1905,<br>1922,<br>1926,<br>1928, 150,<br>151, 153 | Shail        | 350<br>decimals |

## 2025

### 3.3 Resources and Utility Demand

#### 3.3.1 Land Requirement

Total land requirement is 939.50 decimal. The textile industry come in agricultural land. Total 939.50 decimal land already purchased by the CTL from the respective land owner. No Objection Certificate (NOC) and Land title document of the CTL is provided in Annex B. Details of land is shown in following Table 3-2.

Table 3-2: Land details of Chorka Textile Limited

| District | Thana        | Mauza     | Daag No.                                                                                                | Khatian                                         | Type of Land | Total land         |
|----------|--------------|-----------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------|--------------------|
| Habiganj | Shayestaganj | Shoiljura | 1242,<br>1243,<br>1239,<br>1240,<br>1245,<br>1900,<br>1901,<br>1903,<br>1904, 151,<br>78, 81, 82,<br>79 | 225, 148,<br>233, 298,<br>296, 286,<br>211, 232 | Shail        | 939.50<br>decimals |

**2016**

3.3.2

**Water Requirement**

Approximately 10 m<sup>3</sup>/h water will be required at pick time and 2 m<sup>3</sup>/h at off pick time and average 4 m<sup>3</sup>/h ground water will be used during construction period. During operation of the industry approximately 2270 m<sup>3</sup>/day water will be required which also be sourced from ground water. Water consumption detail during operation is provided in the following

Table 3-3.

**Table 3-3: Water Consumption during Operation of the Habiganj Textiles Limited**

| Sl.          | Sector                     | Water Requirement (m <sup>3</sup> /day) |
|--------------|----------------------------|-----------------------------------------|
| 1.           | Boiler                     | 120                                     |
| 2.           | Process House              | 1200                                    |
| 3.           | Domestic (Toilets/Canteen) | 400                                     |
| 4.           | Cooling, Humidification    | 400                                     |
| 5.           | Backwash                   | 150                                     |
| <b>Total</b> |                            | <b>2270</b>                             |

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3.3.2

**Water Requirement**

During operation of the industry approximately 5420 m<sup>3</sup>/day water will be required which also be sourced from ground water. Water consumption detail during operation is provided in the following

Table 3-3.

| Sl. | Sector                     | Water Requirement (m <sup>3</sup> /day) |
|-----|----------------------------|-----------------------------------------|
| 1   | Boiler                     | 300                                     |
| 2   | Process House              | 5120                                    |
| 3   | Domestic (Toilets/Canteen) | 168                                     |
| 4   | Cooling, Humidification    | 10                                      |
| 5   | Backwash                   | 200                                     |
|     | <b>Total</b>               | <b>5798</b>                             |

## 2016

### 3.3.3 Fuel Requirement

The main fuel requirement is natural gas. Approximately 450 m<sup>3</sup>/hr gas will be required during operation of the industry. The source of gas is Jalalabad Gas Transmission Company Limited (JGTCL). HTL will take the required gas and boiler facility from Habiganj Agro Limited. The agreement document between Habiganj Agro Limited and Habiganj Textiles Limited is shown in *Annex D*.

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### 3.3.3 Fuel Requirement

The main fuel requirement is natural gas. Approximately 1500 m<sup>3</sup>/hr will be required during operation of this industry. The source of natural gas is Jalalabad Gas Transformation Company limited (JGTCL).

| Natural Gas Summary (Apr to Jun)'25 |                |         |                  |
|-------------------------------------|----------------|---------|------------------|
| Month                               | Process        | Runtime | Requirement/Hour |
|                                     | m <sup>3</sup> | 30*24   | 5 stenters       |
| Apr'25                              | 193285         | 720     | 322.1418333      |
| May'25                              | 223980         | 720     | 373.3006833      |
| Jun'25                              | 158932         | 720     | 264.886745       |
| Jul'25                              | 156238         | 720     | 260.39719        |
| Aug'25                              | 186687         | 720     | 311.1442017      |
| Sep'25                              | 214911         | 720     | 358.185645       |
| Oct'25                              | 225663         | 720     | 376.1053667      |
| Total                               | 1359697        | 4200    | 2266.161665      |
| Average                             | 226616         | 720     | 377.6936108      |

## 2016

### 3.3.4 Electricity Demand

During construction total electricity demand is approximately 500 kw/hr which will meet from the DEG set or the own captive power plant of Habiganj Agro Limited. Total 1 MW electricity will be required during operation phase that will meet by the captive power plant. Habiganj Textiles Limited and Habiganj Agro Limited have an agreement for electricity distribution (Annex D).

## 2025

### 3.3.4 Electricity Demand

Total 5 MW electricity will be required during operation phase that will meet by the captive power plant and REB. Habiganj Textiles Limited has received approval from the Rural Electrification Board (REB) for a 10 MW power connection. We have already installed solar panels on the roof top of the factory building.

## 2016

### 3.3.5 Manpower

During construction approximately 100-150 workers will work and most of the unskilled worker will be hired from the neighboring villages. Approximately total 450 manpower will be required during operation period of the industry. Manpower details during operation period is provided in the following Table 3-4.

Table 3-4: Manpower requirement during operation of Habiganj Textiles Industry

| Sl | Department            | No. of Staff | Sl  | Department             | No. of Staff |
|----|-----------------------|--------------|-----|------------------------|--------------|
| 1. | HO Management         | 10           | 8.  | Batch                  | 25           |
| 2. | Operation & Marketing | 05           | 9.  | Receive & Delivery     | 17           |
| 3. | Knitting Division     | 118          | 10. | Production Engineering | 07           |
| 4. | Dyeing & Finishing    | 160          | 11. | Utility & Maintenance  | 07           |
| 5. | Bonded Warehouse      | 30           | 12. | Quality Control        | 28           |
| 6. | QC Lab                | 17           | 13. | HR & Compliance        | 05           |
| 7. | R & D                 | 06           | 14. | Administration         | 15           |

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Approximately total 2,217 manpower is required during operation period of the industry. Most of the workers are hired from the neighboring villages. Manpower details during operation period is provided in the following Table 3-4.

Table 3-4: Manpower requirement during operation of Chorka Textile Industry

| S L | Department              | No. of Staff | SL | Department            | No. of Staff |
|-----|-------------------------|--------------|----|-----------------------|--------------|
| 1   | HO Management           | 102          | 7  | Engineering           | 28           |
| 2   | Operation and Marketing | 8            | 8  | Utility & Maintenance | 12           |
| 3   | Production              | 1757         | 9  | Quality Control       | 26           |
| 4   | Planning                | 10           | 10 | HR & Compliance       | 4            |
| 5   | Store                   | 94           | 11 | Administration        | 55           |
| 6   | Distribution            | 44           | 12 | R & D                 | 77           |

## 2016

### 3.4 Project Activity and Area Statement

The total Land of the proposed project is 161 Decimal. HTL has a plan to expand the area in total 350 decimal. At present HTL is planning to two building of which one is dying and other is knitting building. There is a provision of one ETP and one WTP in the Project area. The main access road will be from Dhaka-Sylhet highway through the Habiganj industrial park. The road width is approximately 40 feet. There is a pond inside the project boundary where HTL planning to discharge treated water. The planning of present stage is presented in the following Figure 3-2. At a glance of the proposed Habiganj Textiles Industry (HTL) is given in Table 3-5. Land use of the proposed project area shown in Table 3-6. Details of the project facilities are shown in the following section.

## 2025

### 3.4 Project Activity and Area Statement

The total Land of the proposed project is 939.50 Decimal. At present CTL has five building of which three are dying, one is knitting building, one is elastic building. There are two ETP and one WTP in the Project area. The main access road will be from Dhaka-Sylhet highway through the Habiganj industrial park. The road width is approximately 40 feet. There is a pond inside the project boundary where CTL discharge treated water. At a glance of the proposed Chorka Textile Limited (CTL) is given in Table 3-5. Land use of the proposed project area shown in Table 3-6. Details of the project facilities are shown in the following section.

## 2016

Table 3-5: At a Glance of Habiganj Textiles Industry

|                                    |                                                                             |
|------------------------------------|-----------------------------------------------------------------------------|
| Name of the Company :              | Habiganj Textiles Limited                                                   |
| Achieve Membership :               | BGMEA and Habigonj Chamber of Commerce and Industry                         |
| Factory Location :                 | Olipur, Shayestagonj, Habiganj, Bangladesh                                  |
| Year of Establishment :            | 2015                                                                        |
| Corporate Head Quarters :          | PRAN-RFL Center, 105, Middle Badda, Progoti Sarani, Dhaka-1212, Bangladesh. |
| Company Status :                   | Private Limited Company                                                     |
| Employment :                       | 450 Persons                                                                 |
| Product Name :                     | Knitwear, Knit Fabrics                                                      |
| Source of Water :                  | Deep Tubewell                                                               |
| Water Quantity :                   | 1500 m3/Day                                                                 |
| Source of Fuel :                   | Jalalabad Gas Transmission Company Limited                                  |
| Fuel Quantity :                    | Gas, 450 m3/Hour                                                            |
| Fabric Knitting Capacity :         | 9900 ton (Yearly)                                                           |
| Knit Dyeing & Finishing Capacity : | 9900 ton (Yearly)                                                           |
| Working days :                     | 30 day Per Month / 300 days Per year                                        |
| Shift/day :                        | Two shifts in 12 (Twelve) hours                                             |

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Table 3-5: At a Glance of Chorka Textile Industry

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Name of the Company :     | Chorka Textile Limited                                                      |
| Achieve Membership :      | BGMEA and Habigonj Chamber of Commerce and Industry                         |
| Factory Location :        | Olipur, Shayestagonj, Habiganj, Bangladesh                                  |
| Year of Establishment :   | 2015                                                                        |
| Corporate Head Quarters : | PRAN-RFL Center, 105, Middle Badda, Progoti Sarani, Dhaka-1212, Bangladesh. |
| Company Status :          | Private Limited Company                                                     |
| Employment :              | 2,217 Persons                                                               |



|                            |                                            |
|----------------------------|--------------------------------------------|
| Product Name :             | Knitwear, Knit Fabrics                     |
| Source of Water :          | Deep Tubewell                              |
| Water Quantity :           | 5420 m3/day                                |
| Source of Fuel :           | Jalalabad Gas Transmission Company Limited |
| Fuel Quantity :            | Gas, 1500 m3/hr                            |
| Fabric Knitting Capacity : | 10,500 MT (Yearly)                         |
| Knit Dyeing Capacity :     | 13,500 MT (Yearly)                         |
| Elastic Capacity :         | 195,000,000 Yard (Yearly)                  |
| Working days :             | 30 day Per Month / 300 days Per year       |
| Shift/day :                | Two shifts in 12 (Twelve) hours            |

2016

Table 3-6: Summary of General Land use

| Land use category            | Decimal | Percentage |
|------------------------------|---------|------------|
| Dying building               | 77.3    | 22.1       |
| Knitting and Sewing building | 60.4    | 17.3       |
| ETP                          | 67.2    | 19.2       |
| WTP                          | 5.7     | 1.6        |
| Internal Road                | 12      | 3.4        |
| Water body                   | 25.4    | 7.3        |
| Vacant area                  | 102     | 29.1       |
| Total                        | 350     | 100        |

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Table 3-6: Summary of General Land use

| Land use category | Decimal | Percentage |
|-------------------|---------|------------|
| Dying building    | 320     | 34%        |
| Knitting building | 113.5   | 12%        |
| Elastic Building  | 250     | 27%        |
| ETP               | 150     | 16%        |
| WTP               | 6       | 1%         |
| Internal Road     | 30      | 3%         |
| Water body        | 30      | 3%         |
| Vacant area       | 40      | 4%         |
| Total             | 939.50  | 100        |

**2016**

#### 3.4.1 Knitting and Sewing Section

HTL is planning to construct a 3 storied knitting and sewing building on 60.4 decimal land with the ground floor and typical floor area is 2592.54 and 5185.08 square meter respectively. Site layout plan of the knitting and sewing building is shown in Annex C. list

of machinery has been provided in the following Table 3-7. Detail process flow of the knitting and sewing section is depicted in the Annex E.

Table 3-7: List of Knitting Machine Profile of HTL

| Sl.                           | Machine Type (With 100% Lycra Attachment) | M/C Brand             | M/C Origin | M/C Dia      | M/C GG | No. of Feeder | M/C QTY |
|-------------------------------|-------------------------------------------|-----------------------|------------|--------------|--------|---------------|---------|
| Single Jersey                 |                                           |                       |            |              |        |               |         |
| 01                            | S/J Tublar & Open Width                   | Pai Lung              | Taiwan     | 28"          | 24     | 84            | 1       |
| 02                            | S/J Tublar & Open Width                   | Pai Lung & Jiunn Long | Taiwan     | 30"          | 24     | 90            | 5       |
| 03                            | S/J Tublar & Open Width                   | Pai Lung & Jiunn Long | Taiwan     | 32"          | 24     | 96            | 5       |
| 04                            | S/J Tublar & Open Width                   | Pai Lung & Jiunn Long | Taiwan     | 34"          | 24     | 102           | 5       |
| 05                            | S/J Tublar & Open Width                   | Pai Lung & Jiunn Long | Taiwan     | 36"          | 24     | 108           | 5       |
| 06                            | S/J Tublar & Open Width                   | Pai Lung & Jiunn Long | Taiwan     | 38"          | 24     | 114           | 4       |
| 07                            | S/J Tublar & Open Width                   | Pai Lung & Jiunn Long | Taiwan     | 40"          | 24     | 120           | 3       |
| 08                            | S/J Tublar & Open Width                   | Pai Lung & Jiunn Long | Taiwan     | 42"          | 24     | 126           | 2       |
| Sub total                     |                                           |                       |            |              |        |               | 30      |
|                               |                                           |                       |            |              |        |               |         |
| Three Thread Fleece           |                                           |                       |            |              |        |               |         |
| 01                            | Three Thread Fleece                       | Jiunn Long            | Taiwan     | 30"          | 20,24  | 90            | 2       |
| 02                            | Three Thread Fleece                       | Jiunn Long            | Taiwan     | 34"          | 20,24  | 102           | 2       |
| 03                            | Three Thread Fleece                       | Jiunn Long            | Taiwan     | 36"          | 20,24  | 108           | 2       |
| Sub total                     |                                           |                       |            |              |        |               | 6       |
|                               |                                           |                       |            |              |        |               |         |
| Rib-Interlock                 |                                           |                       |            |              |        |               |         |
|                               | Rib & Interlock                           | Pai Lung              | Taiwan     | 34"          | 18,24  | 72            | 1       |
|                               | Rib & Interlock                           | Pai Lung              | Taiwan     | 36"          | 18,24  | 72            | 1       |
|                               | Rib & Interlock                           | Jiunn Long            | Taiwan     | 38"          | 18,24  | 76            | 1       |
|                               | Rib & Interlock                           | Jiunn Long            | Taiwan     | 40"          | 18,24  | 80            | 1       |
|                               |                                           |                       |            |              |        |               |         |
| Flat Knit Machine             |                                           |                       |            |              |        |               |         |
| Sl #                          | Machine Type                              | M/C Brand             | M/C Origin | Dia.         |        | Quantity      |         |
| 01                            | Collar-Cuff                               | Jiunn Long            | Taiwan     | 86"          |        | 2             |         |
| 02                            | Fabric Inspection Machine (UZU)           |                       | Thailand   | 110"X48"X72" |        | 2             |         |
| Summery                       |                                           |                       |            |              |        |               |         |
| Circular Knitting Machine     |                                           |                       |            | 40 Nos.      |        |               |         |
| Flat(Collar) Knitting Machine |                                           |                       |            | 03 Nos.      |        |               |         |
| Fabric Inspection Machine     |                                           |                       |            | 02 Nos.      |        |               |         |

## 2025

### 3.4.1 Knitting and Sewing Section

CTL is planning to construct a 3 storied knitting and sewing building on 60.4 decimal land with the ground floor and typical floor area is 2592.54 and 5185.08 square meter respectively. Site layout plan of the knitting and sewing building is shown in Annex C. list of machinery has been provided in the following Table 3-7. Detail process flow of the knitting and sewing section is depicted in the Annex E.

Table 3-7: List of Knitting Machine Profile of CTL

| SL NO                      | MACHINE TYPE              | MACHINE BRAND         | ORIGIN | DIA | GAUGE    | FEEDERS | M/C QTY | REMARKS               |
|----------------------------|---------------------------|-----------------------|--------|-----|----------|---------|---------|-----------------------|
| <b>SINGLE JERSEY</b>       |                           |                       |        |     |          |         |         |                       |
| 01                         | S/J Tubler                | Pai Lung              | Taiwan | 25" | 24       | 75      | 1       | 100% Lycra Attachment |
| 02                         | S/J Tubler                | Pai Lung              | Taiwan | 26" | 24       | 78      | 2       | 100% Lycra Attachment |
| 03                         | S/J Tubler                | Pai Lung              | Taiwan | 27" | 24       | 81      | 1       | 100% Lycra Attachment |
| 04                         | S/J Tublar & Open Width   | Pai Lung              | Taiwan | 28" | 24       | 84      | 2       | 100% Lycra Attachment |
| 05                         | S/J Tublar & Open Width   | Pai Lung & Jiunn Long | Taiwan | 30" | 24       | 90      | 5       | 100% Lycra Attachment |
| 06                         | S/J Tublar & Open Width   | Pai Lung & Jiunn Long | Taiwan | 31" | 24       | 93      | 4       | 100% Lycra Attachment |
| 07                         | S/J Tublar & Open Width   | Pai Lung & Jiunn Long | Taiwan | 32" | 24       | 96      | 13      | 100% Lycra Attachment |
| 08                         | S/J Tublar & Open Width   | Pai Lung & Jiunn Long | Taiwan | 34" | 24       | 102     | 12      | 100% Lycra Attachment |
| 09                         | S/J Tublar & Open Width   | Pai Lung & Jiunn Long | Taiwan | 36" | 24       | 108     | 11      | 100% Lycra Attachment |
| 10                         | S/J Tublar & Open Width   | Pai Lung & Jiunn Long | Taiwan | 38" | 24       | 114     | 10      | 100% Lycra Attachment |
| 11                         | S/J Tublar & Open Width   | Pai Lung & Jiunn Long | Taiwan | 40" | 24       | 120     | 5       | 100% Lycra Attachment |
| 12                         | S/J Tublar & Open Width   | Pai Lung & Jiunn Long | Taiwan | 42" | 24       | 126     | 2       | 100% Lycra Attachment |
| 13                         | S/J Tublar High Speed M/C | Fukuhara              | Japan  | 36" | 24       | 116     | 4       | High Speed M/C        |
| 14                         | S/J Tublar High Speed M/C | Fukuhara              | Japan  | 38" | 24       | 120     | 1       | High Speed M/C        |
| 15                         | S/J Tublar High Speed M/C | Fukuhara              | Japan  | 34" | 24       | 108     | 3       | High Speed M/C        |
| 16                         | S/J Tublar M/C            | Fukahama              | Taiwan | 32" | 24       | 102     | 1       | 100% Lycra Attachment |
| 17                         | S/J Tublar m/c            | Jiunn Long            | Taiwan | 32" | 24       | 96      | 5       | 100% Lycra Attachment |
| 18                         | S/J Tublar M/C            | Jiunn Long            | Taiwan | 33" | 24       | 99      | 2       | 100% Lycra Attachment |
| 19                         | S/J Tublar M/C            | Jiunn Long            | Taiwan | 34" | 24       | 102     | 7       | 100% Lycra Attachment |
| 20                         | S/J Tublar m/c            | Jiunn Long            | Taiwan | 36" | 24       | 108     | 7       | 100% Lycra Attachment |
| 21                         | Circular Knitting Machine | Jiunn Long            |        |     |          |         | 22      |                       |
| Subtotal                   |                           |                       |        |     |          |         | 120     |                       |
| <b>THREE THREAD FLEECE</b> |                           |                       |        |     |          |         |         |                       |
| 1                          | Three Thread Fleece       | Jiunn Long            | Taiwan | 30" | 20,24    | 90      | 2       | 100% Lycra Attachment |
| 2                          | Three Thread Fleece       | Pai Lung              | Taiwan | 32" | 20,24    | 96      | 2       | 100% Lycra Attachment |
| 3                          | Three Thread Fleece       | Pai Lung              | Taiwan | 34" | 20,24    | 102     | 2       | 100% Lycra Attachment |
| 4                          | Three Thread Fleece       | Jiunn Long            | Taiwan | 36" | 20,24    | 108     | 2       | 100% Lycra Attachment |
| 5                          | Three Thread Fleece       | Fukahama              | Taiwan | 34" | 20,24    | 108     | 2       | 100% Lycra Attachment |
| Subtotal                   |                           |                       |        |     |          |         | 10      |                       |
| <b>RIB-INTERLOCK</b>       |                           |                       |        |     |          |         |         |                       |
| 1                          | Rib & Interlock           | Pai Lung              | Taiwan | 32" | 18,20    | 64      | 1       | 100% Lycra Attachment |
| 2                          | Rib & Interlock           | Pai Lung              | Taiwan | 34" | 18,20,24 | 72      | 2       | 100% Lycra Attachment |
| 3                          | Rib & Interlock           | Pai Lung              | Taiwan | 36" | 18,20,24 | 72      | 2       | 100% Lycra Attachment |
| 4                          | Rib & Interlock           | Jiunn Long            | Taiwan | 38" | 18,24    | 76      | 1       | 100% Lycra Attachment |
| 5                          | Rib & Interlock           | Pai Lung & Jiunn L    | Taiwan | 40" | 18,24    | 80      | 2       | 100% Lycra Attachment |
| 6                          | Rib                       | Pai Lung              | Taiwan | 42" | 18,20    | 84      | 2       | 100% Lycra Attachment |
| 7                          | Rib                       | Fukuhara              | Japan  | 42" | 18       | 84      | 1       | 100% Lycra Attachment |
| 8                          | Rib                       | Fukuhara              | Japan  | 44" | 18       | 88      | 1       | 100% Lycra Attachment |
| 9                          | Rib                       | Fukahama              | Taiwan | 44" | 18       | 88      | 1       | 100% Lycra Attachment |
| 10                         | Rib & Interlock           | Fukahama              | Taiwan | 36" | 18,20    | 72      | 1       | 100% Lycra Attachment |
| 11                         | Rib & Interlock           | Fukahama              | Taiwan | 34" | 18,20    | 68      | 1       | 100% Lycra Attachment |
| 12                         | Rib & Interlock           | Jiunn Long            | Taiwan | 44" | 18       | 88      | 1       | 100% Lycra Attachment |
| Subtotal                   |                           |                       |        |     |          |         | 16      |                       |

| FLAT KNIT MACHINE |                                                       |               |          |                 |          |                       |
|-------------------|-------------------------------------------------------|---------------|----------|-----------------|----------|-----------------------|
| SL NO             | MACHINE TYPE                                          | MACHINE BRAND | ORIGIN   | DIA             | M/C QTY  |                       |
| 1                 | Collar-Cuff                                           | AROUND STAR   | Taiwan   | 86 INCH         | 3        | 100% Lycra Attachment |
| 2                 | Fabric Inspection Machine (UZU)                       |               | Thailand | 110"X48"X72"    | 2        |                       |
| 3                 | Knit Fabric Inspection Machine & Roll Packing Machine | Target        |          |                 | 2        |                       |
|                   |                                                       |               |          | <b>Subtotal</b> | <b>7</b> |                       |

|                                      |                |
|--------------------------------------|----------------|
| <b>MACHINE SUMMARY :</b>             | <b>153 PCS</b> |
| <b>CIRCULAR KNITTING MACHINE</b>     | <b>146 PCS</b> |
| <b>FLAT(COLLAR) KNITTING MACHINE</b> | <b>03 PCS</b>  |
| <b>FABRIC INSPECTION MACHINE</b>     | <b>04 PCS</b>  |

## 2016

### 3.4.2 Dyeing Section

A four storied and single storied dyeing building will be constructed in the proposed project site. Total area of the land for dying building is 77.3 decimal. Ground floor area is 3644.26 m2 and 1st to 3rd floor having 629 m2 area of each floor. Dyeing capacity is 12 to/day= 12,000 kg/day. Site layout plan of the dyeing building is shown in Annex C. list of machinery has been provided in the following Table 3-8. Detail process flow of the knitting and sewing section is depicted in the Annex E.

Table 3-8: List Machineries Profile in Dyeing Section

| Sl.          | Machine                            | Brand Name | Quantity  | Country of Origin | Capacity |
|--------------|------------------------------------|------------|-----------|-------------------|----------|
| 1            | Fong,s Medium Batch Dyeing M/C     | Fong,s     | 1         | China             | 30       |
| 2            | Fong,s Medium Batch Dyeing M/C     | Fong,s     | 1         | China             | 60       |
| 3            | Fong,s Medium Batch Dyeing M/C     | Fong,s     | 1         | China             | 120      |
| 4            | Fong,s Atmospheric Dyeing M/C      | Fong,s     | 2         | China             | 250      |
| 5            | Fong,s Atmospheric Dyeing M/C      | Fong,s     | 2         | China             | 1000     |
| 6            | Fong,s Atmospheric Dyeing M/C      | Fong,s     | 3         | China             | 750      |
| 7            | Fong,s High Temperature Dyeing M/C | Fong,s     | 2         | China             | 500      |
| 8            | Suntex Sample Dyeing m/c           | Suntex     | 2         | China             | 20       |
| <b>TOTAL</b> |                                    |            | <b>14</b> |                   |          |

Table 3-9: List of Finishing Section Machine profile

| SL. | Machine                                     | Brand    | Quantity | Country of Origin | Capacity (Kg) |
|-----|---------------------------------------------|----------|----------|-------------------|---------------|
| 1   | Open Stenter                                | Bruckner | 1        | Germany           | 10000         |
| 2   | Felt Compactors and Calendars               | Ferraro  | 1        | Italy             | 10000         |
| 3   | Rope Opener, Slitting line, Washing Tank    | Bianco   | 1        | Italy             | 10000         |
| 4   | Tubular Rope Opener and Ballooning Squeezer | Bianco   | 1        | Italy             | 8000          |
| 5   | Tubular Gas Dryer                           | Fongs    | 1        | China             | 800           |
| 6   | Bag Sewing m/c                              | Hua Yun  | 1        | China             | 5000          |
| 7   | Finished Fabrics Inspection m/c             | Hua Yun  | 2        | China             | 10000         |
| 8   | Grey fabrics inspection m/c                 | Hua Yun  | 2        | China             | 10000         |
| 9   | Fabrics Air Turning m/c                     | Hua Yun  | 2        | China             | 10000         |

Table 3-10: List of Laboratory Section Machine profile

| Sl | Machine                            | Brand Name      | Quantity | Country of Origin |
|----|------------------------------------|-----------------|----------|-------------------|
| 1  | Spectrophotometer                  | Data Color-650  | 1        | USA               |
| 2  | Lab dyeing m/c                     | MM8-24P         | 2        | China             |
| 3  | Lab dyeing m/c                     | MM8-24P         | 1        | China             |
| 4  | Light Box/Color matching Cabinet   | Phillips Master | 1        | China             |
| 5  | Pilling Tester                     | YG502N          | 1        | China             |
| 6  | High temp Aging chamber            | RGH-9240A       | 1        | China             |
| 7  | Crock meter                        | Y5/1B           | 1        | China             |
| 8  | Automatic Fabrics Shrinkage Tester | VG701N          | 1        | China             |

## 2025

### 3.4.2 Dyeing Section

A four storied and single storied dyeing building will be constructed in the proposed project site. Total area of the land for dying building is 77.3 decimal. Ground floor area is 3644.26 m<sup>2</sup> and 1st to 3rd floor having 629 m<sup>2</sup> area of each floor. Dyeing capacity is 12 to/day= 12,000 kg/day. Site layout plan of the dyeing building is shown in Annex C. list of machinery has been provided in the following Table 3-8. Detail process flow of the knitting and sewing section is depicted in the Annex E.

Table 3-8: List Machineries Profile in Dyeing Section

| SL | NAME OF ITEM                                               | Brand     | Capacity-KG | Origin | QTY |
|----|------------------------------------------------------------|-----------|-------------|--------|-----|
| 1  | ATMOSPHERIC DYEING MACHINE                                 | FONG'S    | 1000        | CHINA  | 1   |
| 2  | ATMOSPHERIC DYEING MACHINE                                 | FONG'S    | 750         | CHINA  | 1   |
| 3  | ATMOSPHERIC DYEING MACHINE                                 | FONG'S    | 500         | CHINA  | 1   |
| 4  | ATMOSPHERIC DYEING MACHINE                                 | FONG'S    | 250         | CHINA  | 1   |
| 5  | HIGH TEMPERATURE DYEING MACHINE                            | FONG'S    | 1000        | CHINA  | 1   |
| 6  | HIGH TEMPERATURE DYEING MACHINE                            | FONG'S    | 750         | CHINA  | 1   |
| 7  | HIGH TEMPERATURE DYEING MACHINE                            | FONG'S    | 750         | CHINA  | 1   |
| 8  | HIGH TEMPERATURE DYEING MACHINE                            | FONG'S    | 500         | CHINA  | 1   |
| 9  | HIGH TEMPERATURE DYEING MACHINE                            | FONG'S    | 250         | CHINA  | 1   |
| 10 | HIGH TEMPERATURE DYEING MACHINE                            | FONG'S    | 120         | CHINA  | 1   |
| 11 | HIGH TEMPERATURE DYEING MACHINE                            | CANLER    | 1500        | TURKI  | 1   |
| 12 | HIGH TEMPERATURE DYEING MACHINE                            | CANLER    | 150         | TURKI  | 1   |
| 13 | HIGH TEMPERATURE DYEING MACHINE                            | DILMENLER | 1500        | TURKI  | 1   |
| 14 | HIGH TEMPERATURE DYEING MACHINE                            | DILMENLER | 750         | TURKI  | 1   |
| 15 | HIGH TEMPERATURE DYEING MACHINE                            | DILMENLER | 500         | TURKI  | 1   |
| 16 | HIGH TEMPERATURE DYEING MACHINE                            | DILMENLER | 250         | TURKI  | 1   |
| 17 | HIGH TEMPERATURE DYEING MACHINE                            | CANLER    | 750         | TURKI  | 1   |
| 18 | HIGH TEMPERATURE DYEING MACHINE                            | CANLER    | 1250        | TURKI  | 1   |
| 19 | HIGHT TEMPERATURE DYEING MACHINE                           | CANLER    | 250         | TURKI  | 1   |
| 20 | HIGH TEMPERATURE DYEING MACHINE                            | CANLER    | 150         | TURKI  | 1   |
| 21 | Febric Dyeing Machine                                      | Sclavos   |             |        | 2   |
| 22 | Febric Dyeing Machine                                      | Canlar    |             |        | 3   |
| 23 | Fabric Dyeing machine                                      | Imogo     |             |        | 1   |
| 24 | Fabric Dyeing Machine                                      | Sclavos   |             |        | 4   |
| 25 | Fabric Dyeing Machine 200 Kg Banana Shape                  | Gofront   |             |        | 1   |
| 26 | NO CEASE LOW LIQUOR RATIO OVERFLOW DYING MACHINE, LR @ 1:4 |           |             |        | 1   |
| 27 | Bleaching Machine with Standard Accessories                | Revozona  |             |        | 1   |
| 28 | 1. Copower Automatic Dispensing System                     | Copower   |             |        | 1   |
| 29 | PADDER DOSING UNIT                                         |           |             |        | 1   |
| 30 | Bleaching Machine with Standard Accessories                | Revozona  |             |        | 1   |
|    |                                                            |           |             | Total  | 36  |

Table 3-9: List of Finishing Section Machine profile

| SL | NAME OF ITEM                     | Brand       | ORIGIN      | QTY | Total Capacity-KG |
|----|----------------------------------|-------------|-------------|-----|-------------------|
| 1  | TUBE DRYER MACHINE               | FONG'S      | CHINA       | 1   | 6000              |
| 2  | SQUEEZER MACHINE                 | BIANCO      | ITALY       | 1   | 5000              |
| 3  | SLITTING MACHINE                 | BIANCO      | ITALY       | 3   | 33000             |
| 4  | COMPACTOR MACHINE                | FERRARO     | ITALY       | 3   | 27000             |
| 5  | COMPACTOR MACHINE                | SANTEX      | Switzerland | 1   | 10000             |
| 6  | Tube compacting Machine          | FERRARO     | ITALY       | 1   | 7000              |
| 7  | STENTER MACHINE                  | BRUCKNER    | GERMANY     | 2   | 23000             |
| 8  | STENTER MACHINE                  | EHAWHA      | SOUTH KORIA | 3   | 34500             |
| 9  | Equalizing Dryer Machine         | CANLER      | TURKI       | 1   | 10500             |
| 10 | Brush Machine                    | Lafer       | ITALY       | 1   | 8000              |
| 11 | Shareing Machine                 | CARU        | ITALY       | 1   | 8000              |
| 12 | Peach Finish                     | MARIA COSTA | ITALY       | 1   | 5000              |
| 13 | Singeing Machine                 | OSTHOFF     | GERMANY     | 1   | 20000             |
| 14 | Thumble Dryer Machine            | LGY         | CHINA       | 3   | 30                |
| 15 | Bag Sewing Machine               | LGY         | CHINA       | 1   | 8000              |
| 16 | Fabric Washing Machine           | Pluvia      |             | 1   |                   |
| 17 | Rope Opener with Squeezing mac   | STALAM      |             | 1   |                   |
| 18 | Slitting Machine                 |             |             | 1   |                   |
| 19 | Rising Fillet                    |             |             | 1   |                   |
| 20 | Stretching Machine and Exposure  | ACOSGRAF    |             | 2   |                   |
| 21 | Shearing Machine with Standard A | Caru        |             | 1   |                   |
| 22 | HEAT RECOVERY SYSTEM             | XMENECO     |             | 2   |                   |
| 23 | Industrial Conveyer System       |             |             | 1   |                   |
|    |                                  |             | Total       | 34  | 205030            |

Table 3-10: List of Laboratory Section Machine profile

| SL | Machine Name                                                                    | Brand           | Capacity-KG | Origin | QTY |
|----|---------------------------------------------------------------------------------|-----------------|-------------|--------|-----|
| 21 | High Temperature Dyeing Machine                                                 | CANLER          | 25          | TURKI  | 1   |
| 22 | High Temperature Dyeing Machine                                                 | CANLER          | 25          | TURKI  | 1   |
| 23 | High Temperature Dyeing Machine                                                 | CANLER          | 25          | TURKI  | 1   |
| 24 | High Temperature Dyeing Machine                                                 | CANLER          | 25          | TURKI  | 1   |
| 25 | High Temperature Dyeing Machine                                                 | CANLER          | 50          | TURKI  | 1   |
| 26 | High Temperature Dyeing Machine                                                 | CANLER          | 15          | TURKI  | 1   |
| 27 | High Temperature Dyeing Machine                                                 | CANLER          | 15          | TURKI  | 1   |
| 28 | High Temperature Dyeing Machine                                                 | FONG'S          | 30          | CHINA  | 1   |
| 29 | High Temperature Dyeing Machine                                                 | FONG'S          | 10          | CHINA  | 1   |
| 30 | High Temperature Dyeing Machine                                                 | FONG'S          | 10          | CHINA  | 1   |
| 31 | High Temperature Dyeing Machine                                                 | FONG'S          | 30          | CHINA  | 1   |
| 32 | High Temperature Dyeing Machine                                                 | CANLER          | 60          | TURKI  | 1   |
| 33 | High Temperature Dyeing Machine                                                 | FONG'S          | 60          | CHINA  | 1   |
| 34 | Spectrophotometer                                                               | Data Color-650  |             |        | 1   |
| 35 | Lab dyeing                                                                      | m/c MM8-24P     |             |        | 2   |
| 36 | Lab dyeing                                                                      | m/c MM8-24P     |             |        | 1   |
| 37 | Light Box/Color matching Cabinet                                                | Phillips Master |             |        | 1   |
| 38 | Pilling Tester                                                                  | YG502N          |             |        | 1   |
| 39 | High temp Aging chamber                                                         | RGH-9240A       |             |        | 1   |
| 40 | Crock meter                                                                     | Y5/1B           |             |        | 1   |
| 41 | Automatic Fabrics Shrinkage Tester                                              | VG701N          |             |        | 1   |
| 42 | Washing Machine, Winding Machine, Tumble Drying Machine, Hot Air oven, Vibrator |                 |             |        | 5   |
| 43 | Sample Dyeing Machine                                                           |                 |             |        | 1   |
|    |                                                                                 |                 |             | Total  | 28  |

### 3.4.3 Printing Section

Table 3-11: List of Printing Section Machine profile

| SL | NAME OF ITEM                          | Brand  | Capacity-KG | Origin | QTY |
|----|---------------------------------------|--------|-------------|--------|-----|
| 1  | FLAT-BED PRINTING MACHINE             | KUIL   | 2500        | KORIA  | 1   |
| 2  | Digital Printing Machine              | ATEXCO | 500 Kg      | China  | 1   |
| 3  | FIBER ARRAY & CARRIAGE MODULE UPGRADE |        |             |        | 1   |
|    |                                       |        |             | Total  | 3   |

### 3.4.4 Elastic Units

There is total 997 machine in Elastic Unit. 195,000,000 Yard (Yearly)

Table 3-12: List of Dyeing Machine profile



| Machine Name and Capacity     | Quantity (Pcs/Set) | Brand     | Origin |
|-------------------------------|--------------------|-----------|--------|
| <b>Yarn Dyeing</b>            |                    |           |        |
| Dyeing (1/2 Kg)               | 16                 | Fong's    | China  |
| Dyeing (1 Kg)                 | 16                 | Fong's    | China  |
| Dyeing (3 Kg)                 | 13                 | Fong's    | China  |
| Dyeing (1 Kg)                 | 3                  | Tong Geng | Taiwan |
| Dyeing (3 Kg)                 | 3                  | Tong Geng | Taiwan |
| Dyeing (5 Kg)                 | 4                  | Fong's    | China  |
| Dyeing (5 Kg)                 | 5                  | Fong's    | Taiwan |
| Dyeing (10 Kg)                | 9                  | Fong's    | Taiwan |
| Dyeing (15 Kg)                | 3                  | Fong's    | Taiwan |
| Dyeing (20 Kg)                | 7                  | Fong's    | Taiwan |
| Dyeing (30 Kg)                | 7                  | Fong's    | Taiwan |
| Dyeing (40 Kg)                | 4                  | Fong's    | Taiwan |
| Dyeing (50 Kg)                | 3                  | Fong's    | Taiwan |
| Dyeing (70 Kg)                | 3                  | Fong's    | Taiwan |
| Dyeing (100 Kg)               | 2                  | Fong's    | Taiwan |
| Dyeing (160 Kg)               | 4                  | Fong's    | Taiwan |
| Dyeing (200 Kg)               | 3                  | Fong's    | Taiwan |
| Dyeing (300 Kg)               | 1                  | Fong's    | Taiwan |
| Over head Crane (05 Tons)     | 1                  | Local     |        |
| Over head Crane (05 Tons)     | 1                  |           | China  |
| Over head Crane-new (05 Tons) | 2                  |           | China  |
| Dyeing Machine                | 27                 |           |        |
| <b>Subtotal</b>               | <b>137</b>         |           |        |

|                      |           |       |      |
|----------------------|-----------|-------|------|
| <b>Nylon Dyeing</b>  |           |       |      |
| Nylon Dying (01 Kg)  | 2         | Local | Home |
| Nylon Dying (02 Kg)  | 2         | Local | Home |
| Nylon Dying (05 Kg)  | 1         | Local | Home |
| Nylon Dying (10 Kg)  | 1         | Local | Home |
| Nylon Dying (20 Kg)  | 1         | Local | Home |
| Nylon Dying (46 Kg)  | 1         | Local | Home |
| Nylon Dying (150 Kg) | 2         | Local | Home |
| Nylon Dying (120 Kg) | 1         | Local | Home |
| Nylon Dying (200 Kg) | 1         | Local | Home |
| <b>Subtotal</b>      | <b>12</b> |       |      |

|                         |          |        |        |
|-------------------------|----------|--------|--------|
| <b>Continues Dyeing</b> |          |        |        |
| Cont.Dyeing (Taiwan)    | 1        |        | Taiwan |
| Cont.Dyeing (Bulk)      | 1        | KC-212 | China  |
| Cont.Dyeing (Bulk)      | 1        | KC-212 | China  |
| Cont.Dyeing (Bulk new)  | 2        | KC-212 | China  |
| Cont.Dyeing (Sample)    | 2        | KC-212 | China  |
| Silicon machine         | 1        |        | China  |
| <b>Subtotal</b>         | <b>8</b> |        |        |

Table 3-13: List of Hydro Machine profile

|                        |          |           |        |
|------------------------|----------|-----------|--------|
| <b>Hydro</b>           |          |           |        |
| Hydro (54 Kgs)         | 1        | Tong Geng | Taiwan |
| Hydro (20 Kgs)         | 1        | Local     | Home   |
| Hydro (10 Kgs)         | 1        | Local     | Home   |
| Hydro (40 Kgs)Galvanin | 1        | Galvanin  | Italy  |
| Hydro (64 Kgs)         | 2        | Gofront   | China  |
| HYDROEXTRACTOR MACHINE | 1        | Maripak   |        |
| <b>Subtotal</b>        | <b>7</b> |           |        |

Table 3-14: List of Dryer Machine profile

|                                   |          |           |        |
|-----------------------------------|----------|-----------|--------|
| <b>Dryer</b>                      |          |           |        |
| RF Dryer (80KW)                   | 1        | STALAM    | Italy  |
| Box Dryer                         | 1        | Tong Geng | Taiwan |
| Stalam Radio Frequency Dryer Type | 1        | Galvanin  |        |
| <b>Subtotal</b>                   | <b>3</b> |           |        |

Table 3-15: List of Winding Machine profile

|                                             |            |         |        |
|---------------------------------------------|------------|---------|--------|
| <b>Winding Machine</b>                      |            |         |        |
| Soft winding m/c (48 Spindle)               | 18         | CF      | Taiwan |
| Soft winding m/c (60 Spindle)               | 4          | KC-212  | China  |
| Hank to Cone Precise Rewinding Machine      | 4          |         |        |
| Hard winding (24 spindle)                   | 15         |         | China  |
| Soft winding m/c (60 Spindle)               | 4          | KC-212  | China  |
| Hard winding (60 spindle)                   | 2          | KC212-A | China  |
| Hank Reeling                                | 12         |         |        |
| Expansion Machine                           | 3          |         |        |
| CORD KNITTING MACHINE                       | 100        |         |        |
| 1. Sewing Thread winding machine (9 set)    | 18         |         |        |
| Hard winding m/c (48 Spindle) Cotton.       | 2          | CF      | Taiwan |
| Re-conning Machine                          | 1          | T.C.H   | "      |
| Soft winding m/c (48 Spindle) Cotton.       | 3          | CF      | Taiwan |
| Soft Winding Machine & Hard Winding Machine | 6          |         |        |
| <b>Subtotal</b>                             | <b>192</b> |         |        |

|                                                |            |               |        |
|------------------------------------------------|------------|---------------|--------|
| <b>SP Conning</b>                              |            |               |        |
| Cross cone winding (SP Conning)( 04 Spindle)   | 111        | Thread Master | Taiwan |
| Cross cone winding (Taining- 05 Spindle)       | 36         | TN-35EF       | Taiwan |
| Auto Packing machine                           | 1          | Tatwin        | China  |
| Packing Machine (Local)                        | 1          |               | Local  |
| Auto Carton (Pack) Machine                     | 2          |               | China  |
| Automatic High Speed Cross Cone Winder Machine | 36         |               |        |
| <b>Subtotal</b>                                | <b>187</b> |               |        |

|                        |           |       |        |
|------------------------|-----------|-------|--------|
| <b>Crochet Section</b> |           |       |        |
| Crochet                | 44        | T.C.H | Taiwan |
| Crochet                | 18        | T.C.H | Taiwan |
| Re-conning Machine     | 1         | T.C.H | Taiwan |
| Sporting Tape machine  | 2         | T.C.H | Taiwan |
| <b>Subtotal</b>        | <b>65</b> |       |        |

|                              |           |  |       |
|------------------------------|-----------|--|-------|
| <b>Covering section</b>      |           |  |       |
| Covering m/c ( 84 Sp, China) | 5         |  | China |
| Covering m/c ( 84 Sp,Korea)  | 6         |  | Korea |
| Covering m/c ( 192 Spindles) | 2         |  | China |
| Bobbin winding (48 SP)       | 2         |  | China |
| Bobbin winding (56 SP)       | 1         |  | Korea |
| <b>Subtotal</b>              | <b>16</b> |  |       |

|                    |            |    |        |
|--------------------|------------|----|--------|
| <b>Needle loom</b> |            |    |        |
| Velvet Machine     | 1          | ky | Taiwan |
| Needle Loom        | 99         | ky | Taiwan |
| <b>Subtotal</b>    | <b>100</b> |    |        |

|                         |           |           |        |
|-------------------------|-----------|-----------|--------|
| <b>Jacquard section</b> |           |           |        |
| Jacquard machine        | 29        | Kyang Yhe | Taiwan |
| Jacquard machine (New)  | 25        | Kyang Yhe | Taiwan |
| <b>Subtotal</b>         | <b>54</b> |           |        |

Table 3-16: List of Finishing Machine profile

|                                             |           |         |        |
|---------------------------------------------|-----------|---------|--------|
| <b>Elastic Finishing</b>                    |           |         |        |
| Starching (Finishing)                       | 3         | Kenwah  | China  |
| Starching (Finishing)                       | 1         | KY      | Taiwan |
| Starching (Finishing new)                   | 3         | KY      | Taiwan |
| Elastic test machine                        | 1         | KY      | Taiwan |
| Quality Checking Machine                    | 1         | KY      | Taiwan |
| Festooning Machine                          | 7         | KY      | Taiwan |
| Screen Printing                             | 1         | DOPSING | China  |
| Rolling m/c                                 | 4         |         | Taiwan |
| Packing Machine                             | 2         |         | China  |
| Bobbin Rolling m/c                          | 2         |         | Taiwan |
| Leering m/c                                 | 2         | T.C.H   |        |
| Motorized Conveyor Belt & Packaging Machine | 3         |         |        |
| <b>Subtotal</b>                             | <b>30</b> |         |        |

Table 3-17: List of Lab Dyeing Machine profile

|                                       |           |                |             |
|---------------------------------------|-----------|----------------|-------------|
| <b>Lab Dyeing</b>                     |           |                |             |
| Color Fastness tester(8Jar)           | 1         | Refond         |             |
| Electrolux Wascator                   | 1         |                |             |
| PH Tester                             | 1         | Mettler Toledo | Swiserland  |
| Reeling                               | 1         | Mag            | Swiserland  |
| Rubbing Tester                        | 1         | Refond         | Swiserland  |
| Wash Fastness tester                  | 1         |                | China       |
| Lihgt fastness tester                 | 1         |                | China       |
| Tumbler Dryer                         | 1         |                | China       |
| Dryer                                 | 4         |                | Korea/China |
| Dyeing (Data Color)                   | 9         | AHIBA-UR       | China       |
| Color assessment cabinet              | 1         |                | China       |
| Yarn Appearance Board                 | 1         |                | China       |
| Hydro Extractor                       | 1         |                | China       |
| Orbital shaker                        | 1         |                | China       |
| ASTM Photographic                     | 1         |                | China       |
| Forced convection oven                | 1         |                | China       |
| Auto dispenser                        | 1         | Odesi          | China       |
| Elastic Tester                        | 1         | Titan-5        | UK          |
| Sample knitting                       | 1         | Centry         | Taiwan      |
| Light Box                             | 2         |                | USA         |
| Flat kintting                         | 1         | GT             | China       |
| Spectror Photo meter                  | 1         |                |             |
| Auto Pipetting                        | 1         |                | China       |
| Lab Dyeing Machine datacolor Ahiba IR | 2         |                |             |
| <b>Subtotal</b>                       | <b>37</b> |                |             |

Table 3-18: List of Warping Machine profile

|                          |            |               |        |
|--------------------------|------------|---------------|--------|
| <b>Warping Section</b>   |            |               |        |
| Yarn Warping m/c         | 12         | KY            | China  |
| Rubber Warping m/c (Old) | 3          | Charmin Star  | Taiwan |
| Rubber Warping m/c (New) | 1          | Charming Star | Taiwan |
| Sample warping           | 3          | Charming Star | China  |
| Tipping m/c              | 2          | KY            | Taiwan |
| Braiding m/c             | 27         | KY            | Taiwan |
| Drawstring m/c (8 WAY)   | 1          | KY            | China  |
| Drawstring m/c (1 WAY)   | 80         |               | China  |
| Sample Warping Machine   | 2          |               |        |
| RUBBER WARPING MACHINE   | 1          |               |        |
| <b>Subtotal</b>          | <b>132</b> |               |        |

Table 3-19: List of Printing and Utility Machine profile

|                               |          |  |       |
|-------------------------------|----------|--|-------|
| <b>Screen Print section</b>   |          |  |       |
| Screen Printing M/C (5 Color) | 1        |  | China |
| Exposser machine              | 1        |  | China |
| <b>Subtotal</b>               | <b>2</b> |  |       |

|                                        |           |    |       |
|----------------------------------------|-----------|----|-------|
| <b>Utility section</b>                 |           |    |       |
| Air Compressour (Screw type) 08 Bar    | 1         | IR | China |
| Sub station (ST,LT,PFI) Unit (6200Amp) | 1         |    |       |
| Transformer (3500KVA)                  | 1         |    |       |
| IC BOARD                               | 5         |    |       |
| FIXED CONTROL LEADER                   | 2         |    |       |
| CONTROL BOARD                          | 5         |    |       |
| <b>Subtotal</b>                        | <b>15</b> |    |       |