



107

12/2/20

## ABSTRACT

Department of Handlooms and Textiles - Tamil Nadu Innovation Initiatives (TANII) - State Innovation Fund (New Schemes) for the year 2019-2020 - Scheme approved under State Innovation Fund - "Installation of Electronic 4 Colour Feeder for Air Jet Looms" - Financial Sanction for Rs.59.00 lakh - orders - Issued.

Handlooms, Handicrafts, Textiles and Khadi (E1) Department

G.O.(Ms) No.22

Dated: 03.02.2020

விகாரி வருடம், தை 20

திருவள்ளூர் ஆண்டு 2051

Read:

1. From the Member Secretary, State Planning Commission, Letter No.1600/PC/SPC/2019, dated 28.11.2019.
2. From the Director of Handlooms and Textiles Letter Rc.No.33232/2018/N1-1, dated 03.01.2020.

\*\*\*\*\*

### ORDER:

In the letter first read above the Member Secretary, the State Planning Commission has informed that the State Planning Commission has recommended the project "Installation of Electronic 4 Colour Feeder for Air Jet Looms" proposed at a cost of Rs.59.00 lakh for one year under Tamil Nadu Innovation Initiatives (TANII).

2. In the letter second read above the Director of Handlooms and Textiles has stated that the Tamil Nadu Textile Corporation Ltd., was incorporated on 24.04.1969 as a wholly owned Government Company under the Companies Act 1956. The Corporation has 3 Power Loom complexes with a working capacity of 36 looms each at Aruppukottai (Virudhunagar District), Sivagiri (Erode District) and Kurichi, Coimbatore. The Corporation produces polyester cotton suiting and shirting varieties in the above Power loom Complexes as well as Air Jet Weavings Unit and supplies the fabric to various



Government Institutions. Further, the corporation undertakes production of Shirting, Casement and Drill cloth under Free Supply of School Uniform Scheme and Dhoties under Cost free Distribution of Sarees and Dhoties Scheme.

3. The Director of Handlooms and Textiles has also stated that to provide continuous employment to the workers of the Corporation, the Corporation has installed 10 nos. of New imported Picanol Air Jet Looms and the New Air Jet Unit became operational and the Commercial production was started on 04.03.2015. Further to improve the production and profitability, it is proposed to install 2 more Air Jet Looms for an estimated cost of Rs.80.00 lakh. The Corporation met out the above expenditure by obtaining Rs.80.00 lakh from the Government. The Air Jet Looms installed in the Corporation are equipped with plain and drill cams only and the Corporation can produce plain and drill cloth only from the above looms. The checked shirting and horizontal striped cloth cannot be possible to produce from the above looms with this technology.

4. The Director of Handlooms and Textiles has further stated that in order to produce checked shirting for the supply of uniforms under Cost Free Uniform Supply Scheme and horizontal striped cloth, additional Colour Feeder Units are to be installed for 10 Air Jet Looms. At present, Colour Feeder Units are available only with Auto Looms and with Air Jet Looms in Private Sector.

#### **Advantages of installing Electronic Colour Feeder for Air Jet Looms**

- i. The value of production will increase from Rs.6,16,67,190/- to Rs.10,74,30,939/- resulting quantum jump (74% growth) in the Corporation turnover.
- ii. Profitability will increase from Rs.18,13,116/- to Rs.1,59,98,376/- (780% growth) which will keep the Corporation to sustain in own funds.
- iii. Increase in contribution of Uniform Supply to Government by the Corporation.



Feasibility report for the installation of Colour Feeder Units comprising of 4 Electronic Colour Feeder for each Air Jet Looms.

Sl. No.	Details	Plain cloth	Checked cloth
1.	No. of Air Jet Looms installed in 250 cm with	10	10
2.	Average loom speed of 250 cm width in RPM	850	750
3.	No. of panels produced from 250 cm width (1 panel = 40"cloth)	2	2
4.	Actual Production per Air Jet Loom Per month in meters	17,569	15,502
5.	Production in 10 Air Jet Looms per month in meters	1,75,690	1,55,023
6.	Production in 10 Air Jet Looms per annum in meters	21,08,280	18,60,276
7.	Production cost per meters	Rs.29.25	Rs.57.75
8.	Production value of 10 Air Jet Looms per annum	Rs.6,16,67,190	Rs.10,74,30,939
9.	Wages per meter	Rs.7.74	Rs.8.60
10.	Actual Conversion charges incurred in Air Jet loom per pick	Rs.0.09	Rs.0.10
11.	Conversion charges earned for one month production	Rs.15,10,934	Rs.26,66,396



12.	Actual expenses incurred in Air Jet looms for one month production	Rs.13,59,841	Rs.13,33,198
13.	Savings in conversion charges per month	Rs.1,51,093	Rs.13,33,198
14.	Savings in conversion charges per annum	Rs.18,13,116	Rs.1,59,98,376
15.	Cost of one Colour Feeder Unit comprising of 4 Electronic Colour Feeders	-	Rs.5,80,707
16.	Cost of 10 Colour Feeder Unit for 10 Air Jet Looms	-	Rs.58,07,079
17.	Approximate Grant required including Erection charges and other Expenses	-	Rs.59.00 lakh

5. The Director of Handlooms and Textiles has therefore requested the Government to sanction a sum of Rs.59,00,000/- (Rupees Fifty nine lakh only) as 100% State Government share under State Innovation Fund towards "Installation of Electronic 4 Colour Feeder for Air Jet Looms" for the year 2019-2020.

6. The Government after careful examination accord to sanction for a sum of Rs.59,00,000/- (Rupees Fifty nine lakh only) under State Innovation Fund towards "Installation of Electronic 4 Colour Feeder for Air Jet Looms" for the year 2019-2020.

7. The amount sanctioned in para 6 above shall be debited to the following head of account:-

- i. 2851 - 00. Village and Small Industries - 103. Handloom Industries State's Expenditure - LM. Installation of Electronic 4 Colour Feeder for Air Jet Looms under State Innovation Fund - 309 Grants-in-Aid - 03. Grants for Specific Schemes.

Old (DPC 2851- 00-103-LM-0933)  
IFHRMS (DPC 2851-00-103-LM-30903)



The above expenditure shall be adjusted by deducting under the following head of Account:-

- ii. 2851 - 00. Village and Small Industries - 902. Deduct Amount met from Reserve Fund / Deposit Account - State's Expenditure JC. Deduct - Amount met from State Innovation Fund - 330. Inter - Account Transfers - 01. Inter- Account Transfers.

IFHRMS (DPC 2851-00-902-JC-33001)

Old (DPC 2851- 00-902-JC-3001)

- iii. And contra debiting the following fund account:-  
"J. Reserve Funds - (b) Reserve Funds not bearing Interest - 8229-00. Development and Welfare Funds - BE. State Innovation Fund.

Old (DPC 8229-00-200-BE-00 06) (Outgo)

IFHRMS (DPC 8229-00-200-BE-802 02) (Outgo)

8. The Director of Handlooms and Textiles Department is the Estimating, Reconciling and controlling authority for the above new Head of Account.

9. The Pay and Accounts Officer/Treasury Officer are directed to open a new Head of account.

10. The Director of Handlooms and Textiles is authorized to draw and disburse the amount sanctioned in para 6 above and also to send an action taken report to the Government and unspent balance, if any, should be remitted into Government account.

11. This order issues with the concurrence of Finance Department in its U.O.No.4256/Fin(Ind)/2020, dated 28.01.2020.

(BY ORDER OF THE GOVERNOR)

KUMAR JAYANT

Principal Secretary to Government

To  
The Director of Handlooms and Textiles, Chennai-600108.  
The Managing Director, Tamil Nadu Textile Corporation, Coimbatore.  
The Accountant General (A&E) Chennai-18.  
The Accountant General (Auditing) Chennai-18.



The Pay & Accounts Officer, (North), Chennai-01.  
Treasury officer concerned.

Copy to:-

The Finance (BG/Ind) Department, Chennai-09.

The Handlooms, Handicrafts, Textiles and Khadi Department, (A/B)  
Chennai-09.

Stock File/ Spare Copy.

//Forwarded / by order //

M. Chandrasekhar  
10/2/2020

Under Secretary to Government

L.S.  
06-02-2020