



सत्यमेव जयते

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES  
GOVERNMENT OF INDIA

**Government of India  
Ministry of Micro, Small and Medium Enterprises  
Office of Development Commissioner (MSME),  
7<sup>th</sup> Floor, A Wing,  
Nirman Bhawan, Maulana Azad Road,  
New Delhi-110108**

**Supplementary Agenda**

**for**

**48<sup>th</sup> Meeting of Steering Committee**

**of**

**Micro & Small Enterprises - Cluster Development Programme  
(MSE-CDP)**

**Date & Time : 12.11.18 at 3.30 PM**

**Venue : New Delhi**

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## **48.3 Proposals for In-Principle Approval**

**Agenda No.48.3.28 (S): Proposal for In-principle approval for setting up of Common Facility Centre (CFC) in Stone Cluster, Khambhat, Anand, Gujarat.**

**Background**

- (i) The proposal was recommended by State Level Steering Committee (SLSC) in its meeting held on 26.10.18.
- (ii) Proposal was received from MSME-DI, Ahmedabad, vide online application ref. No. 13582 dated 29.10.18.
- (iii) MSME-DI, Ahmedabad vide their e-mail dated 30.10.18, forwarded the DPR along with their recommendations.
- (iv) Techno Economic Appraisal Committee (TEAC) in its 62<sup>nd</sup> meeting held on 05.11.18, recommended the proposal to place before Steering Committee for In-principle approval.

Details of the proposal are as under:

**1. Basic Information of Cluster**

Name of Cluster :	Stone Cluster	
District :	Anand, Gujarat	
Location of Cluster :	Khambhat	
Lok Sabha Constituency :	<b>Anand</b>	
Main Product :	Bowls in different textures, designs and sizes, Plates, Trays, Balls, Candle stands, Book holders, Tree holders, Coasters, and Beads. Etc.	
No. of Enterprises including break up (Micro, Small, Medium) :	Micro: 40 and Small:25	
Turnover(Rs in Lakh) for the last five years :	Year	Amount
	2012-13	-
	2013-14	-
	2014-15	-
	2015-16	-
Exports (Rs. in crore) for the last five years :	Year	Amount
	2012-13	-
	2013-14	-
	2014-15	-
	2015-16	1.6
2016-17	2.0	
Employment in Cluster :	10,000 (Direct – 6,000 and Indirect – 4,000)	
Technology Details :	The Technologies used in Agate (Akik) Stone Cutting is the common one, which is adopted in all Stone cutting units, simple conventional/old technologies is used. No specialized technical process is used in the Industries.	
Whether DS Conducted :	DSR has been conducted on October, 2018. DSR has been submitted to State Govt. on October, 2018. The state level project steering Committee has approved on 26.10.18.	
Main findings of DSR :	Technology & Quality Up-gradation Machine for stone cutting is being needed as purposed CFC	

Main Problems of Cluster :	<ul style="list-style-type: none"> <li>➤ Non availability of advanced machinery for Akik stone cutting.</li> <li>➤ Unprofessional way of management.</li> <li>➤ Weak marketing linkages.</li> <li>➤ Absence of organized marketing channels.\</li> <li>➤ Average / poor living standards of artisans.</li> <li>➤ Export through middlemen / traders.</li> <li>➤ Micro and Small units have less export opportunities compared to Large and Medium units.</li> <li>➤ Dependence on traditional designs.</li> <li>➤ Lack of value addition.</li> <li>➤ Occupational hazards (Silicosis) to employees due to high pollution.</li> </ul>
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## 2. Information about Proposed CFC

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(a.) Justification for CFC	Proposed CFC for the processing of Akik Stone would be aiming to cater to the need of the member of the MSME in and around Khambhat to enable them to be more competitive in the Global Market. Technology transfer centre has major role of develop cost effective which would help the cluster to improve the yields and reduce the costing with better quality.	--
(b.) Location of CFC	The proposed project will be situated at GIDC Khambhat Dist. Anand, Gujarat	--
% age of units in radius of 5km	90	--
% age of units in radius of 10km	10	--
(c.) Land for CFC		
i. Whether land acquired	To be provided by the Govt. Of Gujarat as a State Government Contribution	<b>Registered land document in the name of SPV is required.</b>  <b>(If land is on lease basis, registered lease deed should be for a minimum period of 30 years is required).</b>
ii. Title is in name of	Agate (Akik) Stone Industries Cluster, Khambhat	
iii. Valuation and its basis	NA	
iv. Land is sufficient	Yes	
v. Change of land use	NA	
vi. If on lease, duration of lease	No	
vii Whether lease is legally tenable	NA	
(d.) Total Building area(sq ft)	4000 sq m.	--
(e.) Rate of construction of building	@ 2150/sq.m. Amounting to Rs. 86 Lakhs	--
(f.) Main Facility Proposed	<ul style="list-style-type: none"> <li>➤ Product Development</li> <li>➤ Process Development</li> <li>➤ Quality Control</li> <li>➤ Training for development Skill Manpower.</li> <li>➤ Product Display Centre</li> </ul>	--

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division			
(g.) Prod capacity of CFC	Increase in production turnover by 25%				
(h.) Major Outputs/ Deliverables of CFC, Projected performance of the cluster after proposed intervention (in terms of production, export/ domestic sales and direct/indirect employment, etc.)	<b>S. No</b>	<b>Particulars</b>	<b>Before CFC</b>	<b>After CFC</b>	--
	(i)	No. of units	65	195	
	(ii)	Turnover (Rs. in lakh)	90.00	300.00	
	(iii)	Employment	10000	22000	
	(iv)	Exports (Rs. in lakh)	2.00	10.00	
(i.) Pollution clearance required or not	Not applicable	<b>Required</b>			
(j.) Man Power in CFC	54 Persons	--			
(k.) Revenue generation mechanism for sustainability of assets (service/user charges to be levied, any other-to be specified)	1 <sup>st</sup> year – Rs.194.11 lakh 2 <sup>nd</sup> year – Rs.226.30 lakh 3 <sup>rd</sup> year – Rs.287.22 lakh	--			

### 3. Information about SPV

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(a.) Name and Address	Agate (Akik) Stone Industries Cluster, Navjivan Vikash Mandal. Nano Kumbharwado, Nr. JuniMandai, Khambhat - 388620. Dist. Anand, Gujarat.	--
(b.) Nature of SPV(company or Society or Trust)	Co- Operative Society	<b>Document required in English version.</b>
(c.) Name of the state Govt. and MSME officials in SPV	Official from MSME and state government as per government Norms.	--
(d.) Date of formation of SPV	13.05.16	--
(e.) Number of Members	65 Nos.	--
(f.) Bye Laws or MA and AOA submitted	--	<b>Document required in English version.</b>
(g.) Authorized Share Capital	There shall not be any authorized capital as it is not a company. However all sixty five members will contribute. 87,692/- totalling to 57,00,000/- for the objects of the Cooperative Society .	--
(h.) Paid up capital	NA	<b>Required</b>
(i.) Shareholding Pattern	There shall not be any share holders as it is not a company. In our case all sixty five members will be contributing equal amount of 87,692/-	<b>Required.</b>
(j.) Commitment letter for contribution	Yes	Received.
(k.) SPV specific A/c	Bank Name: State Bank of India Branch Name: Cambay Teen Darwaja, Khambhat,	<b>Required.</b>

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
	Anand, gujarat A/c Name:Name of Cluster : Navjivan Vikas Mandal IFSC Code : SBIN0000344	
(l.) Trust Building of SPV, Previous track record of co-operative initiatives pursued by SPV members need to be highlighted with support documentation	Good Track record	--
(m.) Technical Institution	NA	--
(n.) CFC may be utilised by SPV members as also others in a cluster. However, evidence should be furnished with regard to SPV member ability to utilise at least 60 percent of installed capacity.	--	<b>Document Required.</b>
(o.)		
(a) Power requirement for commercial/domestic purpose	75 KW	--
(b) Water	5000 Ltr	--
(c) Gas/Oil/Other Utilities	NA	--

#### 4. Implement Arrangements

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(a.) Implementing Agency	Entrepreneurship Development Institute of India (EDII), Gandhinagar	As per MSE-CDP guidelines
(b.) Fund receiving Agency	Entrepreneurship Development Institute of India (EDII), Gandhinagar	
(c.) Implementation Period	18 Month	
(d.) Appraisal of DPR and main Recommendations	The proposed project of CFC will be appraise by MSME-DI, Ahmedabad & Industries Commissioner, Govt. of Gujarat	<b>SIDBI Appraisal Report is required</b>
(e.) Comments of Technical Division	As per Focus Report	--
(f.) Approval of Technical Committee	The State Govt. Project steering committee as already approved the DPR (copies Enclosed).	Recommended by Technical Committee.
(g.) Working capital (In-principle sanction of loan from a bank, if applicable arrangement made)	DPR page No. 26	<b>Required.</b>

#### 5. Financial Analysis of CFC

Description	Proposed Implementation Agency (IA)	Comments by Cluster Division
(a.) BEP	45%	--

(b.) IRR, Payback period	9.28	--
(c.) DSCR	NA	--
(d.) Return on Capital employed (ROCE)	12.33	--
(e.) NPV	75.41 lakh	--
(f.) DER	NA	--
(g.) Sensitivity Analysis	DPR PAGE NO. 27	--

**6. Proposed Project Cost is as follow:**

**(Rs. in Lakh)**

S. No.	Particulars	Cost
(i)	Land and its Development	86.00
(ii)	Building and other Civil Constructions	50.00
(iii)	Plant & Machinery (including electrification)	390.00
(iv)	Misc. fixed assets	0.00
(v)	Preliminary & Pre-operative expenses, maximum 2% of project cost	20.00
(vi)	Contingency (2% building and 5% on plant and machinery)	0.00
(vii)	Margin money for Working Capital	24.00
	<b>Total Project Cost</b>	<b>570.00</b>

**7. Proposed means of finance are as follows:**

**(Rs. in lakh)**

S. No.	Particulars	Amount
1	Grant-in-aid from Govt. of India	427.00
2	Government of Tamil Nadu	86.00
3	SPV contribution	57.00
	<b>Total</b>	<b>570.00</b>

**8. Plant and machinery (with Brief Specification):**

**(Rs. in lakh)**

S. No.	Description	No.	Specification	Cost
(i)	Automatic shaping machine	2	1000 nos./ hr.	40.00
(ii)	Tumbling ball mill	2	30 Mt/charge	80.00
(iii)	Automatic Nano Slab Polishing Machine Made Italy	1	8 feet X 4feet	60.00
(iv)	Metal Coating Machine	5	20000 Pcs/Day	50.00
(v)	Automatic cutting machines	4	5mm-150 mm Length 5 ft.	20.00
(vi)	Automatic Beads machines	5	3mm- 30 mm 25mm- 150mm	40.00
(vii)	Water Jet Cutting 5 Axis Machine	1	10 feet X 6 feet	36.00
(viii)	Office computers	2	-	2.00
(ix)	Testing Machine and Equipment	L.S.	Tensile strength, Hardness test etc.	15.00
(x)	Equipment for Training Centre	L.S.	Audio Visual System, PA system, Projector etc.	15.00



(xi)	Arrangement for Product Display Centre	-	-	10.00
(xii)	Fire extinguisher System	1 set	General	4.00
(xiii)	Printer	2	Laser jet	2.00
(xiv)	Office furniture and Fixture	L.S.	Tables, chairs, Cupboard etc	12.80
(xv)	Office automation including software and packages	-		1.00
(xvi)	Electrification	-		1.40
(xvii)	Measuring Instruments & Tools.	-		0.80
	<b>Total Cost</b>			<b>390.00</b>

## 9. Observations:

Following documents are required to be submitted prior to final approval:

- (i) Turnover of Cluster units for the last 5 years.
- (ii) Proof of SPV Formation and By Laws in English version.
- (iii) Registered land documents in the name of SPV (if land is on lease basis, registered lease deed for a minimum period of 30 years is required).
- (iv) Commitment letter from SPV for their contribution.
- (v) SIDBI Appraisal Report.
- (vi) SPVs bank account details.
- (vii) NOC from State Pollution Control Board.
- (viii) Commitment letter from State Government / IA to meet the escalation cost, if any, over and above the approved project cost.
- (ix) Certificate from State Government that more than 50% units are Micro / SC/ST / Women Enterprises, as the case may be.
- (x) Certificate from State Government for compliance of GFR/ CVC guidelines.

## 10. Proposal for Steering Committee:

Committee may consider the proposal for **In-principle Approval** for setting up of CFC in Stone Cluster, Khambhat, Anand, Gujarat.

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**Agenda No.48.3.29 (S): Proposal for In-principle approval for setting up of Common Facility Centre (CFC) in Agriculture Implements and Allied Cluster, Porejor, Saraiyahat, Dumka, Jharkhand.**

- The proposal was recommended by State Level Steering Committee of Government of Jharkhand in its meeting held on 18.09.18.
- The proposal was received from Jharkhand Industrial Infrastructure Development Corporation Ltd (JIIDCO), vide online application ref. No. 13491 dated 29.10.18 & recommended by MSME-DI, Ranchi.
- Vide letter dated 08.10.18, MSME-DI, Ranchi forwarded the Detailed Project Report (DPR) of the proposal.
- Techno Economic Appraisal Committee (TEAC) in its 62<sup>nd</sup> meeting held on.05.11.18 recommended the proposal to place before Steering Committee for In-principle approval.

Details of the proposal are as under:

**1. Basic Information of Cluster**

Name of Cluster	Agriculture Implements and Allied Cluster
District	Dumka
Location of Cluster	Porejor, Saraiyahat
Lok Sabha Constituency	Godda
Main Product	Disc Harrow, Hoe, Hammer, Iron Roller, Paddy Peddler, Reversible Plough, Disc plough, Leveller, Mould Plough, Paddy Harrow, Spade etc.
No. of Enterprises including break up (Micro, Small & Medium)	Micro-144
Turnover for the last five years (Rs in crore)	2013-2014 : Rs. 15.00 2014-2015 : Rs. 17.00 2015-2016 : Rs. 19.00 2016-2017 : Rs. 22.00 2017-2018 : Rs. 24.00
Exports for the last five years (Rs in Crore)	Nil
Employment in Cluster	Direct 288 & Indirect 1000
Technology Details	Traditional Tools and Techniques
Whether DS Conducted	Yes DS was conducted by Directorate of Industries
Main findings of DSR	Porejor is being the major production centre of agriculture implements in the state needs to evolve itself as per the changing market conditions and increasing demand of finished products. Therefore, in order to bring about production efficiency and growth across MSEs in the cluster its very essential to initiate collective mechanisms not only through soft intervention activities but also by providing them with proper common facilities centers equipped with modern technology.
Main Problems of Cluster :	Low production Capacity, irregular Supply of Raw material, Lack of Basic Infrastructure facilities Limited Financial strengths of Units Non availability of modern manufacturing facilities Manual designing of products leading to sub optimal quality
Other Information :	The Clusters falls under One of the Aspirational District Dumka, as identified by Govt think tank NITI AYOg

## 2. Information about Proposed CFC

Description	Proposed by Implementation Agency (IA)	Remarks		
(a.) Justification for CFC	The MSEs in cluster lack advanced production machineries for manufacturing as their investment capacity is limited and awareness level is low. Equipment related to semi automatic processing and better standards, specifications, advance designing are not present even in a single unit in the cluster. The current practices being followed by cluster members are leading to blockage of working capital thereby adding to further financial crisis for the enterprises.	--		
(b.) Location of CFC	Nupinia, Saraiyahat Tehsil Dumka District, Jharkhand	--		
% age of units in radius of 5km	70	--		
% age of units in radius of 10km	30	--		
(c.) Land for CFC				
i. Whether land acquired	Yes	<b>Registered land document in the name of SPV (if land is on lease basis, registered lease deed should be for a minimum period of 30 years) is required).</b>		
ii. Title is in name of	JIADA			
iii. Valuation and its basis	Local administration land price			
iv. Land is sufficient	yes			
v. Change of land use	Not requires, it is industrial land			
vi. If on lease, duration of lease	30			
vii Whether lease is legally tenable	yes			
(d.) Total Building area(sq ft)	10500	--		
(e.) Rate of construction of building	Rs 800 Sqft	--		
(f.) Main Facility Proposed	<ul style="list-style-type: none"> <li>➤ Raw Material Deport</li> <li>➤ Designing Center</li> <li>➤ Training and Development Center</li> </ul>	--		
(g.) Production capacity of CFC	-	--		
(h.) Major Outputs/Deliverables of CFC, Projected performance of the cluster after proposed intervention (in terms of production, export/domestic sales and direct/indirect employment, etc.)	<b>S. No.</b>	<b>Particulars</b>	<b>Before</b>	<b>After</b>
	(i)	Turnover (Rs. in crore)	24	50
	(ii)	Export (Rs. in crore)	Nil	2
	(iii)	Investment (Rs. in crore)	10	20
	(iv)	Profitability(in %)	10	15
	(v)	Employment (in nos.) (Direct)	288	600
	(vi)	Capacity utilization (in %)	60 to 70	80 to 90
(i.) Pollution clearance required or not	Yes. Consent Establish and Consent to operate would be applied after obtaining in principle approval	<b>NOC from State Pollution Control Board is required.</b>		
(j.) Man Power in CFC	25	--		
(k.) Revenue generation mechanism for sustainability	User charges would be levied	--		

<b>Description</b>	<b>Proposed by Implementation Agency (IA)</b>	<b>Remarks</b>
of assets(service/user charges to be levied, any other-to be specified)		

### 3. Information about SPV

<b>Description</b>	<b>Proposed by Implementation Agency (IA)</b>	<b>Remarks</b>
(a.) Name and Address	Porejore CUK Private Limited	Formed
(b.) Nature of SPV(company or Society or Trust)	Registered under Companies Act 2013	--
(c.) Name of the state Govt. and MSME officials in SPV	Director, Industries cum Managing Director JIIDCO and Director MSME DI Ranchi	--
(d.) Date of formation of SPV	January 22, 2018	--
(e.) Number of Members	More than 25	
(f.) Bye Laws or MA and AOA submitted	Attached herewith	Received
(g.) Authorized Share Capital	10,000	--
(h.) Paid up capital as on.....	1,00,000	--
(i.) Shareholding Pattern	Not more than 10% each	Received
(j.) Commitment letter for contribution	Attached	Received
(k.) SPV specific A/c	Opened in Allahabad Bank	<b>Required</b>
(l.) Trust Building of SPV, Previous track record of co-operative initiatives pursued by SPV members need to be highlighted with support documentation	done in Soft intervention phase	--
(m.) Technical Institution	Tool Room and Training Center, Dumka	--
(n.) CFC may be utilised by SPV members as also others in a cluster. However, evidence should be furnished with regard to SPV member ability to utilise at least 60 percent of installed capacity.	144 cluster members and open for other industries located in the district	<b>Required</b>
(o.)		
(a) Power requirement for commercial/domestic purpose	185	--
(b) Water	15000	--
(c) Gas/Oil/Other Utilities	50 liter per day	--

### 4. Implement Arrangements

<b>Description</b>	<b>Proposed by Implementation Agency (IA)</b>	<b>Remarks</b>
(a.) Implementing Agency	Jharkhand Industrial Infrastructure Development Corporation Limited (JIIDCO)	As per guidelines
(b.) Fund receiving Agency	Jharkhand Industrial Infrastructure	

	Development Corporation Limited (JIIDCO)	
(c.) Implementation Period	24 months	--
(d.) Appraisal of DPR and main Recommendations	SIDBI appraisal will be done after receiving In principle approval	<b>Required</b>
(e.) Comments of Technical Division	NA	--
(f.) Approval of Technical Committee	NA	Technical Committee recommended the proposal for in-principle approval.
(g.) Comments of Cluster Development Division:	NA	--
(h.) Working capital(In-principle sanction of loan from a bank, if applicable arrangement made)	NA	--

### 5. Financial Analysis of CFC

Description	Proposed by Implementation Agency (IA)	Remarks
(a.) BEP	51.9%	--
(b.) IRR, Payback period	20.14% , 7th years	--
(c.) DSCR	NA	--
(d.) Return on Capital employed (ROCE)	34.62%	--
(e.) NPV	154.13	--
(f.) DER	NA	--
(g.) Sensitivity Analysis	IRR in between 20.28% to 20.01%	--
(h.) Status of CFCs approved in the State	One CFC got in principle approval	--

### 6. Proposed Project Cost is as follow:

		(Rs. in Lakh)
S. No.	Particulars	Total Cost
(i)	Land and its Development	18.15
(ii)	Building and other Civil Constructions	84.00
(iii)	Plant & Machinery(including electrification)	132.42
(iv)	Misc. fixed assets	14.23
(v)	Preliminary & Pre-operative expenses, maximum 2% of project cost	33.48
(vi)	Contingency (2% building and 5% on plant and machinery)	9.01
(vii)	Margin money for Working Capital	2.23
	<b>Total Project Cost</b>	<b>293.52</b>

**7. Proposed means of finance are as follows:**

			(Rs. in lakh)
S. No.	Particulars	%age	Amount
(i)	Grant-in-aid from Govt. of India	58.67	172.23
(ii)	Grant-in-aid from Govt. of Jharkhand	8.80	25.83
(iii)	SPV contribution	32.53	95.46
	<b>Total</b>	<b>100.00</b>	<b>293.52</b>

**8. Plant and machinery (with Brief Specification)**

					(Rs. in lakh)
S. No.	Description	No.	Power Requirement (HP/KW)	Cost	
1.	Power Shearing Machine Capacity (L x T): - 1270 x 2 mm (M.S. Sheet) Depth of Throat: - 65 mm Stroke per minute: - 50 Table width: - 350 mm Table Height: - 785 mm Front Gauge: - 950 mm Back Gauge: - 600 mm Blade Size: - 1600 x 63 x 14 mm Motor: - 3.0 H.P. RPM: - 1440 RPM	1	2.24	4.13	
2.	Pyramid Type Roll Banding Machine Capacity: 2500 x 10 mm Top Roll Dia.: 200 mm Bottom Roll Dia.: 170 mm Motor: 10 H.P.	1	7.46	13.76	
3.	Hydraulic Press Break Machine Bending Capacity: 2540 x 10 mm Motor: 20 H.P.	1	14.8	25.48	
4.	Power Press (Mechanical) Stroke Adjustment: 13- 78 mm Slide Adjustment: 38 mm Hole in Ram: 38.1 mm Length & Width of Ram Floor: 350 x 160 mm Length & Width of bed type: 555 x 365 mm Distance bed to Ram: 305 mm Distance Bolster Plate to Ram: 380 mm Stroke per Minute: 40 Floor to Top of Bed: 815 Motor: 3.0 H.P. RPM: 1440 RPM	1	2.24	27.16	
5.	Power Press (Deep Drawing Hydraulic)	1	18.65	25.70	
6.	Heavy Duty Lathe Machine Height of Centre: 254 mm Swing Over Bed: 490 mm Bed Width: 325 mm Max. Swing over Bed: 490 mm Max. Swing over Slide: 290 mm Spindle Bore: 52 mm Spindle Speed: 25 “475 RPM Cross Slide Travel: 150 mm Lead Screw Dia.: 4 TPI Motor: 2 H.P.	1	1.5	3.82	
7.	Dual Fired Re Heating Furnace	1	10	12.10	
8.	DG Set 62.5KVA	1	0	5.45	
9.	MIG Welding Machine input Supply: 415 V, 3 Phase, 50 Hz, AC Supply Open Circuit Voltage: 16 V “52 V Welding Current Range: 50 A “400 A Welding Current @ 60% Duty Cycle: 400 A Welding Current @ 100% Duty Cycle: 310 A Max. Input Power @ 60% Duty Cycle: 15 KVA Max. Input Current @ 60% Duty Cycle: 20 A No. of Voltage Increment Steps: 30 Insulation Class: H (Copper Wound) Cooling:	1	15	1.21	

S. No.	Description	No.	Power Requirement (HP/KW)	Cost
	Forced Air Cooled			
10.	Arc Welding Machine Input Supply: 230 / 415 V Frequency: 50 Hz Open Circuit Voltage: 50 V Welding Current Range: 50 “250 A Max. Continuous Hand Welding Current at 60% Duty Cycle: 200 A Welding Electrode Size: 1.6 mm (Min.) & 5.0 mm (Max.) Cooling: Natural Air	1	15	1.21
11.	Power Hammer Machine Capacity: 55 kg Foundation Anvil: 275 kg	1	5	5.14
12.	Oil Fired Reheatin Furnace Capacity: 500 kg per Batch	1	5	6.05
13.	Exhaust Fan & Man Coolers	4	1	1.21
	<b>Total</b>			<b>132.42</b>

### 9. Observations:

Following documents are required to be submitted prior to final approval:

- (i) Registered land documents in the name of SPV (if land is on lease basis, registered lease deed for a minimum period of 30 years).
- (ii) SIDBI Appraisal Report.
- (iii) NOC from State Pollution Control Board.
- (iv) SPV’s bank account details.
- (v) Commitment letter from SPV members to utilise at least 60 percent of installed capacity.
- (vi) Commitment letter from State Government / IA to meet the escalation cost, if any, over and above the approved project cost.
- (vii) Certificate from State Government for compliance of GFR/ CVC guidelines.

### 10. Proposal for Steering Committee:

Committee may consider the proposal for **In-principle Approval** for setting up of Common Facility Centre in Agriculture Implements and Allied Cluster, Porejor, Saraiyahat, Dumka, Jharkhand.

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**Agenda No.48.3.30 (S): Proposal for In-principle approval for setting up of Common Facility Centre in Greater Imphal Jewellery Cluster, Imphal, Manipur.**

**Background:**

- The proposal was recommended by State Level Steering Committee in its meeting held on 02.08.18.
- The proposal recommended by MSME-DI, Imphal vide letter dated 31.10.18.
- Online application received vide ref. No. 11935 dated 30.10.18.
- Techno Economic Appraisal Committee (TEAC) in its 62nd meeting held on 05.11.18, recommended the proposal to place before Steering Committee for In-principle approval as a special case, since the contribution of SPV (7.53%) is less than mandatory 10% and Government of Sikkim is supplementing by contributing 10% towards the Project. However, GoI contribution is less than 90% i.e. 82.47% as per scheme guidelines.

Details of the proposal are as under:

**1. Basic Information of Cluster**

Name of Cluster :	Greater Imphal Jewellery Cluster		
District	Imphal East		
Location of Cluster :	Porompat, Greater Imphal		
Lok Sabha Constituency :	Inner Manipur		
Main Product :	Ring, Ear ring, Chain, Necklace, Bracelet, Bangles, Diamond and Gemstones and all other jewelleryes.		
No. of Enterprises including break up (Micro, Small, Medium)	Micro	70	
	Small	-	
	Medium	-	
Turn over for the last five years : (Rs. in Crore)		<b>Year</b>	<b>Amount</b>
		2013-14	10.80
		2014-15	11.90
		2015-16	13.10
		2016-17	14.30
		2017-18	15.60
Exports for the last five years : (Rs. in Crore)	Nil.		
Employment in Cluster :	1305 nos. (Direct – 505 and Indirect – 800)		
Technology Details :	Traditional processes of metal manufacturing- Designing, Tool making, Melting and alloying, Casting, Sheet rolling, Wire rolling Wire Drawing, Manual Blanking, piercing.		
Whether DS Conducted :	Yes.		
Main findings of DSR :	<ul style="list-style-type: none"> <li>➤ Ornaments are intricately and traditionally designed for religious occasions. Ornaments are also made from an alloy (mixture of copper and brass).</li> <li>➤ The major stakeholders of the cluster are the 70 units operating within the cluster.</li> <li>➤ Out of the total investment, 95 per cent is on raw material and the rest on equipments and work sheds. Raw material absorbs the maximum investment.</li> </ul>		
Main Problems of Cluster :	<ul style="list-style-type: none"> <li>➤ Lack of working Capital</li> <li>➤ Lack of modern design.</li> <li>➤ Obsolete and traditional Technology.</li> <li>➤ Lack of Product Diversification.</li> <li>➤ Lack of quality certification.</li> </ul>		
Other Information :	--		



## 2. Information about Proposed CFC

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division		
(a.) Justification for CFC	<ul style="list-style-type: none"> <li>➤ The present units use traditional and obsolete methods of manufacturing. The proposed CFC will facilitate manufacturing with modern technology.</li> <li>➤ The proposed CFC may function as modern design centre for upgradation of the existing design in the cluster and introduce new and diversified designs.</li> <li>➤ The CFC could be utilized as a gemstone cutting and polishing centre.</li> <li>➤ Other than gold, the CFC can act as a raw material bank for molten copper with art of the machinery installed.</li> <li>➤ A testing unit with modern tools and technology is necessary for testing the purity of the gold.</li> </ul>	--		
(b.) Location of CFC	Greater Imphal District which is 3 km from Imphal, the capital city of Manipur, the eastern most state of India.	--		
% age of units in radius of 5km	40	--		
% age of units in radius of 10km	60	--		
<b>(c.) Land for CFC</b>				
i. Whether land acquired	Yes leased.	<b>Registered land document in the name of SPV (if land is on lease basis, registered lease deed for a minimum period of 30 years) is required.</b>		
ii. Title is in name of	SPV, Jewellery Common Facility Centre, Imphal, Manipur.			
iii. Valuation and its basis	Land on lease basis for 25 years.			
iv. Land is sufficient	Yes			
v. Change of land use	Yes			
vi. If on lease, duration of lease	Land on lease basis for 25 years.			
vii Whether lease is legally tenable	Yes.			
(d.) Total Building area(sq ft)	1800 sq. ft.	--		
(e.) Rate of construction of building	Rs 2250/sq.ft.	--		
(f.) Main Facility Proposed	<ul style="list-style-type: none"> <li>➤ Jewellery CAD</li> <li>➤ All modern processing for gold / silver jewellery.</li> <li>➤ Captive Tool Room</li> <li>➤ Hallmarking and assaying</li> </ul>	--		
g.) Prod capacity of CFC	---	<b>Details of production capacity of CFC required.</b>		
(h.) Major Outputs/Deliverables of CFC, Projected performance of the cluster after proposed intervention (in terms of production, export/ domestic sales and direct /indirect employment, etc.)	<b>Sl. No.</b>	<b>Parameter</b>	<b>Before Intervention</b>	<b>After Intervention</b>
	1.	Total No. of units	70	175
	2.	Total sales (Rs. in lakh)	1560.00	3800.00
	3.	Investment (Rs. in lakh)	175.00	400.00
	4.	Profit (%)	15-20	20-25
	5.	Employment	505	1200
	6.	Exports (Rs. in lakh)	Nil	190.00
(i.) Pollution clearance required or not	Yes.	<b>NOC from State Pollution Control</b>		

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
		<b>Board is required.</b>
(j.) Man Power in CFC	28 nos. (at first year).	--
(k.) Revenue generation mechanism for sustainability of assets(service/user charges to be levied,any other-to be specified)	The total Revenue per year (at 100% capacity utilization) will be Rs 180.76 Lakh.	--

### 3. Information about SPV

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(a.) Name and Address	Jewellery Common Facility Centre, Imphal, Manipur, Palace Compound, Imphal East, Manipur.	--
(b.) Nature of SPV(company or Society or Trust)	Registered Society.	--
(c.) Name of the state Govt. and MSME officials in SPV	--	Details required.
(d.) Date of formation of SPV	15.07.14	--
(e.) Number of Members	70 nos.	--
(f.) Bye Laws or MoA and AOA submitted	Yes, submitted.	--
(g.) Authorized Share Capital	Rs. 2.50 lakh.	-
(h.) Paid up capital	Rs. 70,000/-	
(i.) Shareholding Pattern	Submitted.	Units details required.
(j.) Commitment letter for contribution	-	--
(k.) SPV specific A/c	Name of the Bank: Punjab National Bank Account Number: 1067000108175727	--
(l.) Trust Building of SPV, Previous track record of co-operative initiatives pursued by SPV members need to be highlighted with support documentation.	Already done.	--
(m.) Technical Institution	IIIE, Guwahati.	--
(n.) CFC may be utilised by SPV members as also others in a cluster. However, evidence should be furnished with regard to SPV member ability to utilise at least 60 percent of installed capacity.	Submitted.	--
<b>(o)</b>		
(a) Power requirement for commercial/domestic purpose	93.24 KW	--
(b) Water	Yes.	--
(c) Gas/Oil/Other Utilities	Yes.	--

#### 4. Implement Arrangements

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(a.) Implementing Agency	Indian Institute of Entrepreneurship, Guwahati	As per MSE-CDP guidelines.
(b.) Fund receiving Agency	Indian Institute of Entrepreneurship, Guwahati	
(c.) Implementation Period	12 months	24 Months from date of final approval as per MSE-CDP.
(d.) Appraisal of DPR and main Recommendations	DPR will be submitted to SIDBI for appraisal	Required prior to final approval.
(e.) Comments of Technical Division	Techno Economic Appraisal Committee (TEAC) in its 62 <sup>nd</sup> meeting held on 05.11.18, recommended the proposal for placing before Steering Committee for in-principle approval.	
(f.) Approval of Technical Committee		
(g.) Comments of Cluster Development Division:	Recommended for in-principle approval under MSE-CDP.	
(h.) Working capital(In-principle sanction of loan from a bank,if applicable arrangement made)	--	--

#### 5. Financial Analysis of CFC

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(a.) BEP	61.60 %	BEP should be below 60% of the installed capacity.
(b.) IRR, Payback period	15.35% after tax 21.44% before tax. 4 years 7 months	As per MSE-CDP guidelines.
(c.) DSCR	N/A	
(d.) Return on Capital employed (ROCE)	21.37% after tax 28.26 % before tax	25% is desirable.
(e.) NPV	Positive	As per MSE-CDP guidelines.
(f.) DER	N/A	
(g.) Sensitivity Analysis	Yes, the figures are positive as required by guidelines.	
(h.) Status of CFCs approved in the State	Approved CFC Nil.	--

#### 6. Proposed project cost:

		(Rs. in lakh)
S.No.	Particulars	Amount
1.	Building & Civil Works	24.78
2.	Plant & Machinery	277.75
3.	Miscellaneous Fixed Assets	6.00
4.	Preliminary Expenses & Pre-operative expenses	5.00
5.	Provision for contingencies	14.39
6.	Margin money for working capital	1.16
	<b>Total</b>	<b>329.08</b>

**7. Proposed means of finance:****(Rs. in lakh)**

<b>Particulars</b>	<b>Percentage</b>	<b>Amount</b>
SPV contribution	7.53	24.78
Grant-in-aid from Govt. of India	82.47	271.40
Grant-in-aid from Govt. of Manipur	10.00	32.90
<b>Total</b>	<b>100.00</b>	<b>329.08</b>

**8. Plant and machinery (with Brief Specification)****(Rs in lakh)**

<b>S.No.</b>	<b>Description</b>	<b>No.</b>	<b>Power requirement (HP/KW)</b>	<b>Cost</b>
	<b>CAD Service</b>			
1.	Complete CAD centre and 3D Model Making set-up complete with all hardware and software.	1	2.5	9.67
	<b>Manufacturing Service</b>			
1.	Melting Furnace, 1 kg capacity.	2	3	0.32
2.	Melting Furnace, 2 kg capacity	2	4.5	0.44
3.	Vacuum Casting Plant – 3 kg	1	5	7.97
4.	Sheet Rolling Unit – 24” sheet	1	7.5	2.67
5.	Sheet Rolling Unit – 8” sheet	1	5.5	2.48
6.	Wire Rolling Unit	1	5	2.67
7.	Wire Drawing Machine	1	1	1.82
8.	Annealing set-up	1	5	3.62
9.	Chain Making set-up	1	4	11.73
10.	Facetting Machine-vertical-horizontal combined.	1	1	1.76
11.	Laser Soldering	1	3	6.93
12.	Jewellery Hydraulic Press 25 T	1	1.5	1.89
13.	Ball Making Machine, 2mm to 5mm balls	1	0.5	3.36
14.	Electronic Weighting	1	0.2	0.96
15.	Ultrasonic Cleaning Machine, 25 l capacity	2	1	1.32
16.	Magnetic Polisher 2 kg capacity	2	1.5	1.36
17.	Gold Plating Unit	1	5	1.42
18.	Silver Plating Unit	1	5	3.73
19.	Metal Refinery	1	3	6.21
20.	Complete Hallmarking setup	1	3	90.63
	<b>Tool Room Service</b>			
1.	Centre Lathe Machine with Grinding attachment, 1000 ABD, 300 sweep with grinding attachment.	1	1.5	1.92
2.	Cone pulley type shaping machine with accessories, 18 inch stroke	1	1.5	1.83
3.	Universal Milling Machine 42”x9” with accessories	1	1.5	2.84
4.	Drilling Machine up to 25 mm dia capacity with accessories	2	2	1.16
5.	Pantograph Milling Machine	1	1	1.48
6.	Surface Grinder Machine, 550mm x 200mm with accessories	1	2	3.54

S.No.	Description	No.	Power requirement (HP/KW)	Cost
7.	Cylindrical Grinding Machine, 300mm x102mm	1	2	3.76
8.	Tool Grinder with accessories	1	0.5	0.28
9.	Mechanical power saw machine with accessories	1	1	0.72
10.	Cutting Tools, Cutters, Drills, Measuring Instruments including Vernier Calipers, Digital Cerniers, Digital Micrometer, Height Gauge, Surface plate, Depth Gauge, Radius Gauge, Centre Gauge, Bore Dial, Bore Micrometer, Dial Gauge.	1 set		7.03
11	Heat Treatment Unit	1	7.5	5.29
	Support Service			
	Water Supply System	1 set	2	7.00
	Fire Prevention System	1 set		4.00
	Captive DG Set	1 set		8.50
	Transformer and other controls	1 set		5.60
	Pollution Control System	1 set	2	8.00
	Above rates are inclusive of all taxes			
	<b>Expenses towards Power Supply System</b>			10.00
	<b>Extra cost towards GST, P&amp;F, installation</b>			47.44

## 9. Observations:

Following documents are to be submitted prior to final approval:

- (i) SIDBI appraisal report.
- (ii) List of SPV members (with units address) along with shareholding pattern.
- (iii) Details of production capacity of CFC.
- (iv) Name of the state Govt. and MSME officials in SPV
- (v) NOC from State Pollution Control Board.
- (vi) Certificate from State Government regarding compliance of GFR/CVC guidelines.
- (vii) Registered land document in the name of SPV (if land is on lease basis, registered lease deed for a minimum period of 30 years is required).

## 10. Proposal for Steering Committee:

Committee may consider the proposal for **In-principle Approval** for setting up of Common Facility Centre (CFC) in Greater Imphal Jewellery Cluster, Imphal, Manipur.

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**Agenda No.48.3.31 (S): Proposal for In-principle approval for setting up of Common Facility Centre in Cashew Nut Processing Cluster, Selsella, West Garo Hills, Meghalaya.**

**Background:**

- The proposal was recommended by State Level Steering Committee in its meeting held on 30.07.18.
- The proposal forwarded by MSME-DI, Guwahati vide letter dated 16.10.18.
- Online application received vide ref. No. 13365 dated 30.08.18.
- Techno Economic Appraisal Committee (TEAC) in its 62<sup>nd</sup> meeting held on 05.11.18, recommended the proposal for placing before Steering Committee for in-principle approval.

Details of the proposal are as under:

**1. Basic Information of Cluster**

Name of Cluster :	Cashew Nut Processing Cluster
District	West Garo Hills
Location of Cluster :	Selsella Block, West Garo Hills District, Meghalaya.
Lok Sabha Constituency :	Tura
Main Product :	Three grades of Cashew Nut
No. of Enterprises including break up (Micro, Small, Medium)	Micro            50 Small            0 Medium          0
Turn over for the last five years : (Rs. in Crore)	<b>Year            Amount</b> 2012-13        26.59 2013-14        29.23 2014-15        32.95 2015-16        37.12 2016-17        42.15
Exports for the last five years : (Rs. in Crore)	Nil
Employment in Cluster :	950 nos. (Direct – 600-650 and Indirect – 300)
Technology Details :	The cashew nut processors of the cluster follow traditional Indian processes and technology. <ul style="list-style-type: none"> <li>➤ Farmers of the thirteen villages of Selsella block of West Garo hills district are, in general, highly skilled and devoid of using automatic modern machinery.</li> <li>➤ The manufacturing process followed by 300+ skilled farmers of this cluster is largely dependent on age-old technology comprising major labour intensive and less productive activities.</li> <li>➤ Few of them is equipped with few semi-automatic attachments.</li> </ul>
Whether DS Conducted :	Yes.
Main findings of DSR :	<ul style="list-style-type: none"> <li>➤ To understand status of the Cashew Nut production system.</li> <li>➤ To know how raw cashew nut products are marketed.</li> <li>➤ To know the measures initiated by the various agencies to start cluster for cashew nut processing and marketing.</li> <li>➤ To identify the problems and reasons for not making cluster functioning very effectively.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ To suggest interventions and action plan how to make cashew nut processing cluster more effective.</li> </ul>
Main Problems of Cluster :	<ul style="list-style-type: none"> <li>➤ Lack of storage facility.</li> <li>➤ Absence of market centre.</li> <li>➤ Lack of financial help from bank or other sources</li> <li>➤ Absence of infrastructure like electricity, permanent sheds</li> <li>➤ Lack of working capital</li> <li>➤ Insufficient training and knowledge.</li> <li>➤ Unorganised way of selling raw cashew.</li> <li>➤ Exploitation by the traders.</li> <li>➤ Lack of credit facility.</li> <li>➤ Lack of coordination among grass root level organization.</li> <li>➤ Lack of wholehearted approach of concerned authorities.</li> <li>➤ Lack of marketing orientation of farmers.</li> <li>➤ Lack of social mobilization among farmers and SHGs.</li> <li>➤ Lack of basic infrastrucutres for installing MCPUs in the cluster.</li> </ul>
Other Information :	The farmers of this cluster, due to lack of proper awareness, are found to waste the cashew fruit and the cashew shell which can be used to yield costly by-products like juice, alcoholic drinks and shell oil.

## 2. Information about Proposed CFC

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(a.) Justification for CFC	<ul style="list-style-type: none"> <li>➤ This CFC has been designed and planned so that the cashew growers can bring their raw produce, either in raw or shell-cut condition for further processing upto packaging level and can take back the finished product from CFC after payment of suitably fixed conversion charge.</li> <li>➤ Although the CFC has to be designed to help the local cashew growers by providing them with suitable processing facilities at various stages of processed Cashew manufacturing, but this CFC can better not be termed as a production centre as the implements proposed will be used by the cashew growers optionally as will be evident in the flow chart.</li> </ul>	--
(b.) Location of CFC	Village – Baklagne, P.O. Haldibari, Block – Selsella, District – West Garo Hills, Meghalaya.	--
% age of units in radius of 5km	65	--
% age of units in radius of 10km	35	--
<b>(c.) Land for CFC</b>		
i. Whether land acquired	Yes.	<b>Registered land document in the name of SPV (if land is on lease basis, registered lease deed for a minimum period of 30 years) is required.</b>
ii. Title is in name of	SPV, Cluster Cashew Nut Producer Association of Baklagne.	
iii. Valuation and its basis	Land on lease basis for 20 years.	
iv. Land is sufficient	Yes	
v. Change of land use	Yes	
vi. If on lease, duration of lease	Land on lease basis for 20 years.	

Description	Proposed by Implementation Agency (IA)				Comments by Cluster Division
vii Whether lease is legally tenable	Yes.				
(d.) Total Building area(sq ft)	The SPV proposes to construct the building 2000 sq ft. for CFC.				--
(e.) Rate of construction of building	1500 sq. ft.				--
(f.)Main Facility Proposed	<ul style="list-style-type: none"> <li>➤ Cashew cooking system.</li> <li>➤ Automatic Cashew Shell Cutting.</li> <li>➤ Conveyor System</li> <li>➤ Electrical Oven.</li> <li>➤ Humidifying System.</li> <li>➤ Separating System.</li> <li>➤ Grading System.</li> <li>➤ Packing System.</li> <li>➤ Quality Control and Laboratory equipments service.</li> </ul>				--
g.) Prod capacity of CFC	---				Details of production capacity of CFC required.
(h.) Major Outputs / Deliverables of CFC, Projected performance of the cluster after proposed intervention (in terms of production, export/domestic sales and direct /indirect employment, etc.)	<b>S. No.</b>	<b>Parameter</b>	<b>Before Intervention</b>	<b>After Intervention</b>	
	1.	Total No. of units	50	300	
	2	Total sales (Rs. in lakh)	4200.00	6900.00	
	3	Investment (Rs. in lakh)	65.00	450.00	
	4	Profit (%)	15-20	30-40	
	5	Employment	900-950	1600-1800	
(i.)Pollution clearance required or not	Yes.				<b>NOC from State Pollution Control Board is required.</b>
(j.) Man Power in CFC	46 nos.				--
(k.) Revenue generation mechanism for sustainability of assets (service/user charges to be levied, any other-to be specified)	The total revenue per year (at 100% capacity utilisation) will be Rs. 215.48 lakh.				--

### 3. Information about SPV

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(a.) Name and Address	Cluster Cashew Nut Producers Association of Baklagne, Sesella Block, West Garo Hills District, Meghalaya	--
(b.) Nature of SPV(company or Society or Trust)	Registered Society.	--
(c.) Name of the state Govt. and MSME officials in SPV	GM-DIC, Tura Meghalaya.	--
(d.) Date of formation of SPV	07.01.16.	--



<b>Description</b>	<b>Proposed by Implementation Agency (IA)</b>	<b>Comments by Cluster Division</b>
(e.) Number of Members	50 nos.	--
(f.) Bye Laws or MoA and AOA submitted	Yes.	--
(g.) Authorized Share Capital	Rs. 50,000/-	-
(h.) Paid up capital	Rs. 3.5 lakh	
(i.) Shareholding Pattern	Submitted.	--
(j.) Commitment letter for contribution	-	--
(k.) SPV specific A/c	Name of the Bank: State Bank of India Account Number: 37244652525	Details of SPV bank account required.
(l.) Turst Building of SPV, Previous track record of co-operative initiatives pursued by SPV members need to be highlighted with support documentation.	Already done.	--
(m.) Technical Institution	IIIE, Guwahati.	
(n.) CFC may be utilised by SPV members as also others in a cluster. However, evidence should be furnished with regard to SPV member ability to utilise at least 60 percent of installed capacity.	-.	Commitment letter with regard to SPV member's ability to utilize at least 60 percent of installed capacity is required.
(o)		
(a) Power requirement for commercial/domestic purpose	42 KW	--
(b) Water	Yes	--
(c) Gas/Oil/Other Utilities	Oil	--

#### 4. Implement Arrangements

<b>Description</b>	<b>Proposed by Implementation Agency (IA)</b>	<b>Comments by Cluster Division</b>
(a.) Implementing Agency	Indian Institute of Entrepreneurship, Guwahati	As per MSE-CDP guidelines.
(b.) Fund receiving Agency	Indian Institute of Entrepreneurship, Guwahati	--
(c.) Implementation Period	12 months	24 Months from date of final approval as per MSE-CDP.
(d.) Appraisal of DPR and main Recommendations	DPR will be submitted to SIDBI for appraisal	Required prior to final approval.
(e.) Comments of Technical Division	Techno Economic Appraisal Committee (TEAC) in its 62 <sup>nd</sup> meeting held on 05.11.18, recommended the proposal for placing before Steering Committee	

(f.) Approval of Technical Committee	for in-principle approval.	
(g.) Comments of Cluster Development Division:	Recommended for in-principle approval under MSE-CDP.	
(h.) Working capital (In-principle sanction of loan from a bank, if applicable arrangement made)	--	--

### 5. Financial Analysis of CFC

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(a.) BEP	54.20 %	As per MSE-CDP guidelines.
(b.) IRR, Payback period	21.56% after tax. 30.73% before tax. 3 years 6 months	
(c.) DSCR	N/A	
(d.) Return on Capital employed (ROCE)	28.20% after tax 39.76 % before tax	
(e.) NPV	Positive	
(f.) DER	N/A	
(g.) Sensitivity Analysis	Yes, the figures are positive as required by guidelines a) IRR- 30.73% b) NPV - Positive c)Breakeven Point – 54.20 %	
(h.) Status of CFCs approved in the State	Approved CFC Nil.	--

### 6. Proposed project cost:

(Rs. in lakh)

S. No.	Particulars	Amount
1.	Land & Site Development (land leased)	10.00
2.	Building & Civil Works	30.00
3.	Plant & Machinery	120.13
4.	Miscellaneous Fixed Assets	5.50
5.	Preliminary Expenses	4.60
6.	Pre-operative expenses	4.80
7.	Provision for contingencies	6.61
8.	Margin money for working capital	7.73
	<b>Total</b>	<b>189.37</b>

### 7. Proposed means of finance:

(Rs. in lakh)

Particulars	Percentage	Amount
SPV contribution	11.14	21.10
Govt. of India Grant	78.88	149.37
Govt. of Meghalaya Grant	9.98	18.90
<b>Total</b>	<b>100.00</b>	<b>189.37</b>

### 8. Plant and machinery (with Brief Specification)

S. No.	Description	No.	Power requirement (HP/KW)	Cost (Rs in lakh)
<b>A</b>	<b>Main Equipments</b>			
1.	Cooking system capacity: 1000 kg raw cashew / Batch Steam cooker with steam generator wood fire complete set valves, gauges, meter, chimney and necessary	1		1.85

S. No.	Description	No.	Power requirement (HP/KW)	Cost (Rs in lakh)
	fittings.			
2.	Cashew Shell Cutting Machine – (four cutter) capacity 40-50 KG/HR Gear Motor Power – 1 HP phase – Three. Number of cutter – 4 nos. All parts in SS and AI	10	8	13.50
3.	Cashew Shell Cutting tools and accessories	Set		3.60
4.	Conveyor System – To carry the material after shell cutting to scooping line.	1	1	2.90
5.	Vibrator (Automatic Total Scooping Solution). Capacity 300 – 350 kg/hr. Vibrator (SS) – 2 nos., Shell blower – 2 nos. scooping machine – 1, nos. blower – 1 nos.	1	4	3.80
6.	Electrical Oven – To dry the kernels of 500 kegs at 55-60° C in 5 to 6 hrs. No. of Trays : 100 nos. Tray size : 32” x 16” x 1¼”	1	15	5.80
7.	Humidifier with extra trays and trolleys	1 set	2	2.10
8.	Cashew Nut Peeling Machine	1	1	1.85
9.	Air Compressor	1	12	3.20
10.	Kernel Separator	1	-	0.80
11.	Finished Cashew Grader	1	-	1.35
12.	Pieces Grading Machine	1	1	0.75
13.	Brocks vacuum packing machine	1	1	2.50
14.	Cutting Table	1		0.10
15.	Grading Table	7	-	0.85
16.	Moisture Meter	1		0.05
	<b>Sub Total</b>	-	-	<b>45.00</b>
<b>B</b>	<b>Support Service</b>			
	Water Supply system	1 set		10.00
	Fire Prevention System	1 set		6.00
	Pollution Control System	1 set		7.36
	Captive D. G. Set, Transformer and other electricals	1 set		14.00
	<b>Sub Total</b>			<b>37.36</b>
	Extra cost for P&F, GST, Insurance etc.			19.77
	Power connection			18.00
	<b>Grand Total</b>			<b>120.13</b>

## 9. Observations:

Following documents are to be submitted prior to final approval:

- (i) SIDBI appraisal report.
- (ii) List of SPV members (with units address) along with shareholding pattern.
- (iii) NOC from State Pollution Control Board.
- (iv) Certificate from State Government regarding compliance of GFR/CVC guidelines.
- (v) Registered land document in the name of SPV (if land is on lease basis, registered lease deed for a minimum period of 30 years is required).

## 10. Proposal for Steering Committee:

Committee may consider the proposal for **In-principle Approval** for setting up of Common Facility Centre (CFC) in Cashew Nut Processing Cluster, Selsella, West Garo Hills, Meghalaya.

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**Agenda No.48.3.32 (S): Proposal for In-principle approval for setting up of Common Facility Centre in Okhrey Carpet Making Cluster, West Sikkim.**

**Background:**

- The proposal was recommended by State Level Steering Committee in its meeting held on 20.08.18.
- MSME-DI, Gangtok vide letter dated 27.09.18 recommended the proposal.
- Online application received vide ref. No: 13346 dated 31.08.18.
- Techno Economic Appraisal Committee (TEAC) in its 62<sup>nd</sup> meeting held on 05.11.18, recommended the proposal to place before Steering Committee for In-principle approval, as a special case, since the contribution of SPV (1.85%) is less than mandatory 10% and Government of Sikkim is supplementing by contributing 10% towards the Project. However, GoI contribution is less than 90% i.e. 88.15% as per scheme guidelines.

Details of the proposal are as under:

**1. Basic Information of Cluster**

Name of Cluster :	Okhrey Carpet Making Cluster		
District	West Sikkim		
Location of Cluster :	Okhrey, West Sikkim		
Lok Sabha Constituency :	Sikkim		
Main Product :	Sofa Set Carpet (5'x2' one no. & 2'x2' two nos.), Single Bed Carpet (6'x3'), Diwan Carpet (6'x2'), Car Carpet (4'x1.5' & 1.5'x1.5' two nos.).		
No. of Enterprises including break up (Micro, Small, Medium)	Micro	40	
	Small	-	
	Medium	-	
Turn over for the last five years : (Rs. in lakh)		Year	Amount
		2013-14	68.00
		2014-15	74.00
		2015-16	81.00
		2016-17	89.00
		2017-18	98.50
Exports for the last five years (Rs. in crore):	Nil		
Employment in Cluster :	800 nos. (Direct – 300 & Indirect – 500)		
Technology Details :	The weavers of Okhrey Carpet Making Cluster have inherited the skill from their ancestors and use traditional Indian carpet making processes with age old type of implements and tools.		
Whether DS Conducted :	Yes.		
Main findings of DSR :	<ul style="list-style-type: none"> <li>➤ The Diagnostic study was conducted over Lower Okhrey, Bhareng, Saprey Nagi, Latteytar, Pureytar and Ribdi.</li> <li>➤ Total no. of carpet weaving units in Okhrey is 106.</li> <li>➤ Most of the unit stakeholders are women. They all belong to the ST category. 40 No. of units have already being registered and is a part of the SPV at present.</li> <li>➤ There are 4 major varieties of products they produce at present- Sofa Set Carpet (5'x2'one no. &amp; 2'x2' two no.) Single Bed Carpet (6'x3'one no.) Divan Carpet (6'x2'one no.) Car Carpet (4'x1.5' &amp; 1.5'x1.5' two no.).</li> <li>➤ They use Wool, Cotton String and Thin cotton string as raw materials for the production of the carpets.</li> <li>➤ The artisans get the raw material from the local markets like Sombaria and Jorethang. Lack of proper supply of raw materials is also a serious setback faced by the stakeholders.</li> </ul>		

Main Problems of Cluster :	<ul style="list-style-type: none"> <li>➤ The artisans or weavers in the Okhrey carpet making cluster has limited access to Institutional services due to their low level of information process capacity and knowledge.</li> <li>➤ Access to technological advancements Due to poor economic status, the access to technological advancement among the core cluster actors is poor.</li> <li>➤ The educational attainment in respect of qualification and technical skills is limited and becomes barrier for developing business orientation among the artisans weavers.</li> <li>➤ Access to financing assistance Due to socioeconomic status of low income segment, the credit assistance to Carpet Artisan or weavers is totally absent.</li> <li>➤ The govt. specific schemes or assistance is not accessible by those cluster actors, because of refinance mode of loan facility. Bulk purchase of raw materials at lower price is totally absent, which hampers their production volume. SHG linkages limited to savings only among the cluster actors.</li> <li>➤ Study reveals that rarely the support institutions provide technical, marketing, training, advisory services to the artisans weavers of the cluster.</li> </ul>
Other Information :	NA

## 2. Information about Proposed CFC

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(a.) Justification for CFC	<p>The growth of this cluster has been sluggish, in spite of high level skill of the artisans due to the following reasons:</p> <ul style="list-style-type: none"> <li>➤ They are making smaller carpets with the help of traditional and cheap wooden carpet weaving looms due to their inability to procure metallic looms required for floor carpets, larger carpets.</li> <li>➤ They cannot afford buying,using high end hardware,software for modern carpet design.</li> <li>➤ They are little aware about Tufted Carpets they cannot afford to procure Tufting Machines.</li> <li>➤ Moreover they cannot afford latex application, secondary backing machines</li> <li>➤ Their basic inability to afford the facilities, mentioned above, has turned the cluster growth inconsistent and sluggish.</li> </ul>	--
(b.) Location of CFC	Village : Latteytar, Okhrey, West Sikkim.	--
% age of units in radius of 5km	100	--
% age of units in radius of 10km	0	--
<b>(c.) Land for CFC</b>		
i. Whether land acquired	Yes on lease.	<b>Registered land document in the name of SPV (if land is on lease basis, registered lease deed for a minimum period of 30 years) is required.</b>
ii. Title is in name of	Title is in name of the SPV i.e. Okhrey Carpet Making Cluster Cooperative Society Ltd.	
iii. Valuation and its basis	Rs. 5.00 lakhs for 20 years lease.	
iv. Land is sufficient	Yes	
v. Change of land use	Yes.	
vi. If on lease, duration of lease	20 years	
vii Whether lease is legally tenable	Yes.	
(d.) Total Building area(sq	3000 sq. ft.	--

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division		
ft)				
(e.) Rate of construction of building	--	--		
(f.) Main Facility Proposed	<ul style="list-style-type: none"> <li>➤ Carpet Design CAD and Compatible printing facility.</li> <li>➤ Metallic looms of various sizes for production of floor carpets upto 18' X 18' Size.</li> <li>➤ Tufted Carpet Making.</li> <li>➤ Latex and Backing application.</li> <li>➤ Spooling facility.</li> <li>➤ Carpet washing and Drying.</li> </ul>	--		
g.) Prod capacity of CFC	<ul style="list-style-type: none"> <li>➤ The member stakeholders will bring woolen yarns, thick cotton and thin cotton yarn of required quantity to the CFC for making woven knotted carpets in the metallic looms (for bigger size only). They will continue to manufacture carpets up to 6/3 ft sizes in their home based units. However, they will start weaving carpets up to 18'x18' with the help of big metallic looms in the CFC.</li> <li>➤ The stakeholders will bring necessary raw materials to manufacture tufted carpets from the machine commissioned in the CFC. The CFC is planned in such a way that the stakeholders can get all required services to produce a. Woven Carpet 3000 sq m per yr b. Tufted Carpet - 6000sq m peryr The above two figures are for 100percent capacity utilization of the CFC as well as the individual units of the Cluster.</li> </ul>	--		
(h.) Major Outputs/Deliverables of CFC, Projected performance of the cluster after proposed intervention (in terms of production, export/domestic sales and direct/indirect employment, etc.)	<b>S. No.</b>	<b>Parameter</b>	<b>Before Intervention</b>	<b>After Intervention</b>
	1.	Total No. of units	40	200
	2	Total sales (Rs. in lakh)	98.50	174.00
	3	Investment (Rs. in lakh)	15.00	30.00
	4	Profit (%)	8-10	20-25
	5	Employment	Direct – 300 Indirect – 500	Direct – 600 Indirect – 1000
(i.) Pollution clearance required or not	Not required.			<b>NOC from State Pollution Control Board is required.</b>
(j.) Man Power in CFC	25 nos.			--
(k.) Revenue generation mechanism for sustainability of assets(service/user charges to be levied, any other-to be specified)	The total revenue per year (at 100% capacity utilisation) will be Rs. 123.13 lakh. The revenue generation includes another small channel for generation of income through training.			

### 3. Information about SPV

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(a.) Name and Address	Okhrey Carpet Making Cluster Cooperative Society Ltd., P.O. – Okhrey, West Sikkim – 737122.	--
(b.) Nature of SPV(company or Society)	The SPV is a registered society.	--

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
or Trust)		
(c.) Name of the state Govt. and MSME officials in SPV	-	<b>Details required.</b>
(d.) Date of formation of SPV	26.07.13	--
(e.) Number of Members	40 nos.	--
(f.) Bye Laws or MoA and AOA submitted	Yes.	--
(g.) Authorized Share Capital	Rs. 1.50 lakh	--
(h.) Paid up capital	Rs. 0.40 lakh.	--
(i.) Shareholding Pattern	Submitted.	<b>List of SPV members (with units address) along with shareholding pattern required.</b>
(j.) Commitment letter for contribution	Submitted.	--
(k.) SPV specific A/c	Sikkim State Co-operative Bank Ltd : A/c No: 101334004100038	--
(l.) Turst Building of SPV, Previous track record of co-operative initiatives pursued by SPV members need to be highlighted with support documentation.	--	--
(m.) Technical Institution	IIE, Guwahati	
(n.) CFC may be utilised by SPV members as also others in a cluster. However, evidence should be furnished with regard to SPV member ability to utilise at least 60 percent of installed capacity.	Submitted.	--
(o)		
(a) Power requirement for commercial/domestic purpose	40 KW	--
(b) Water	Local supply	--
(c) Gas/Oil/Other Utilities	Not required	--

#### 4. Implement Arrangements

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(a.) Implementing Agency	Indian Institute of Entrepreneurship (IIE) (autonomous organisation under Ministry of Skill Development & Entrepreneurship).	As per MSE-CDP guidelines.
(b.) Fund receiving Agency	Indian Institute of Entrepreneurship (IIE) (autonomous organisation under Ministry of Skill Development & Entrepreneurship).	
(c.) Implementation Period	12 months	24 Months from date of final approval as per guidelines.
(d.) Appraisal of DPR and main Recommendations	The DPR will be sent to concerned authorities for necessary appraisal.	<b>Required prior to final approval.</b>
(e.) Comments of Technical Division	Techno Economic Appraisal Committee (TEAC) in its 62 <sup>nd</sup> meeting held on 05.11.18, recommended the proposal for placing before Steering Committee for in-principle approval.	
(f.) Approval of Technical Committee		

(g.) Comments of Cluster Development Division:	Recommended for in-principle approval under MSE-CDP.	
(h.) Working capital(In-principle sanction of loan from a bank,if applicable arrangement made)	-	-

## 5. Financial Analysis of CFC

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(a.) BEP	56.77%	As per MSE-CDP guidelines.
(b.) IRR, Payback period	19.19% (Before Tax) 14.37% (After Tax) 5 years	--
(c.) DSCR	N/A	--
(d.) Return on Capital employed (ROCE)	26.76% (Before Tax) 21.34% (After Tax)	25% is desirable.
(e.) NPV	Positive	--
(f.) DER	Not Applicable	--
(g.) Sensitivity Analysis	Yes, the figures are positive as required by guidelines: a) NPV – positive c)Breakeven Point 56.77%	--
(h.) Status of CFCs approved in the State	Approved CFC Nil.	--

## 6. Proposed project cost:

(Rs. in lakh)

S. No.	Particulars	Amount
1.	Building & Civil Works	32.00
2.	Plant & Machinery	218.88
3.	Miscellaneous Fixed Assets	2.45
4.	Preliminary Expenses	1.48
5.	Pre-operative expenses	3.00
6.	Provision for contingencies	11.58
7.	Margin money for working capital	0.87
	<b>Total</b>	<b>270.26</b>

## 7. Proposed means of finance:

(Rs. in lakh)

Particulars	Percentage	Amount
SPV contribution	1.85	5.00
Govt. of India Grant	88.15	238.26
Govt. of Sikkim Grant	10.00	27.00
<b>Total</b>	<b>100.00</b>	<b>270.26</b>

## 8. Plant and machinery (with Brief Specification)

(Rs. in lakh)

S. No.	Description	No.	Cost
<b>A</b>	<b>Main Equipments</b>		
1.	Computer, Plotter for Carpet Cad	1	2.50
2.	Carpet Cad Software	1	5.00



S. No.	Description	No.	Cost
3.	Metallic Loom, 6m X 6m	1	0.80
4.	Metallic Loom, 6m X 4m	5	3.50
5.	Metallic Loom, 15 ft X 10 ft	8	3.60
6.	Jacquard Loom	1	2.00
7.	Powered Charkha/spool making/weft making machine	10	1.22
8.	Tufted Carpet making Machine	1 set	68.00
9.	Powered Designing Scissor	10	0.30
10.	Carpet Leveling Machine	2	0.14
11.	Carpet Washing Machine	1	0.25
12.	Carpet Drying Machine	1	0.25
13.	Carpet Backing Machine - Small	2	9.90
14.	Carpet Backing Machine - Medium	1	8.00
15.	Carpet Backing Machine - Big	1	11.40
16.	Shuttle	120	0.68
17.	Measuring Tape	40	0.19
18.	Toolkit for Weavers	40	1.58
19.	Knife	40	0.80
20.	Yarn stand	20	0.17
21.	Weighing Balance (10 Kg)	1	0.08
22.	Weighing Balance (100 Kg)	1	0.25
23.	Low Pressure Steam generator	1	2.00
24.	Other Miscellaneous Hand Tools	10 sets	1.50
25.	Water Supply system	1 set	9.20
26.	Fire Prevention system	1 set	6.00
27.	Transformer	1	2.39
28.	Captive D G set and other electrical	1 set	9.50
	Cost towards GST, P&F, Transit Insurance etc.		35.93
	Cost towards GST, P&F, Transit Insurance, Sea Freight, duties, clearing charges etc.		25.00
	Power connection		14.25
	<b>Total</b>		<b>218.88</b>

## 9. Observations:

Following documents are to be submitted prior to final approval:

- (i) SPV contribution is 1.85%. As per scheme guidelines, SPV contribution should be minimum 10%.
- (ii) SIDBI appraisal report.
- (iii) List of SPV members (with units address) along with shareholding pattern.
- (iv) NOC from State Pollution Control Board.
- (v) Certificate from State Government regarding compliance of GFR/CVC guidelines.

- (vi) Registered land document in the name of SPV (if land is on lease basis, registered lease deed for a minimum period of 30 years is required).
- (vii) Name of the state Govt. and MSME officials in SPV

**10. Proposal for Steering Committee:**

Committee may consider the proposal for **In-principle Approval** for setting up of Common Facility Centre (CFC) in Okhrey Carpet Making Cluster, West Sikkim.

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**Agenda No.48.3.33 (S): Proposal for In-principle approval for setting up of Industrial Estate at Marikundu, Theni, Tamil Nadu.**

**Background:**

- (i) Vide letter dated 21.06.18, Government of Tamil Nadu forwarded the proposal along with Detailed Project Report (DPR).
- (ii) Online Application received vide application ref. No. 11915 dated 08.02.18 along with recommendations of MSME-DI, Chennai.
- (iii) The proposal was recommended by State Level Steering Committee (SLSC) in its meeting held on 14.12.17.
- (iv) 47<sup>th</sup> Steering Committee decided that the proposal be resubmitted with enhanced State Government share for consideration.
- (v) Vide letter dated 24.07.18, TANDICO, Chennai submitted the documents and requested to consider the proposal for In-principle approval:

<b>Documents required</b>		<b>Status</b>
(a)	Registered Land document in the name of Implanting Agency.	Received
(b)	Clarification regarding State Government share and 'others'.	Received
(c)	Commitment letter from State Government (Industries Department) in respect of its share in the project and cost escalation, if any, over and above the approved project cost.	Received
(d)	Tangible outcomes like number of units, turnover, export, employment etc. in the format provided.	Received
(e)	Status of completed ID projects in the State as per format provided.	Received

Details of the proposal are as under:

**1. Pre-registration Information**

Name of Organization :	Tamilnadu Small Industries Development Corporation Ltd
State :	Tamil Nadu
District :	Theni
Industrial Estate :	Setting up of New Industrial Estate at Marikundu, Theni District

**2. Basic Information about Proposal:**

<b>Particulars</b>	<b>Description</b>
Whether appraised DPR with approved layout plan :	Yes
Total Area of industrial estate/ area (acre):	79.40 Acres
Area to be developed (acre)	79.40 Acre
Number and sizes of plots to be developed :	96 Plots
Implementing Period :	24 Months
Other ID projects sanctioned in same district: year of sanction,	The following Industrial Estate are available in

Particulars	Description
number of plots allotted, units set up, etc. :	
Performance of ID projects in state. :	Total creation of ID project completed - 16

### 3. Details about Proposal:

Description	Proposed by Implementation Agency(IA)	Remarks
Implementing Agency (IA):	Tamil Nadu Small Industries Development Corporation Ltd (SIDCO)	As per MSE-CDP guidelines.
Track Record of the IA	IA has so far implemented	Information required.
Appraisal by SIDBI (Observations and recommendations). Attach SIDBI report.	Attached	SIDBI appraisal is received from IA.
Whether sufficient facilities available at site. (Proximity to railway stations / state highways, availability of water supply, adequate power supply, telecom facilities, dwelling places of workers)	Yes	-
Whether land is in possession in the name of IA with Clear Title	Yes	Received
Whether Zoning regulations and non-agricultural conversion etc complied with):	Yes	Received
Whether State Level Committee to coordinate and monitor progress has been Constituted :	Yes	Received
Whether confirmation received form IA that it will meet the cost in excess of approved project cost and any escalation in cost :	Yes	Received
Basis of elements of project Cost :	As per Public Works Department, Govt. of Tamil Nadu schedule of rate for 2017-18	-
Tangible Outcomes of the project	Direct Employment - 1500 persons Indirect Employment -2000 persons	Received.
Justification of the Proposal	The proposal is justified as it will satisfy the space requirement of MSMEs in that area and also generate employment to local people.	-

### 4. Proposed Project Cost:

(Rs. in lakh)

S. No.	Particulars	Estimated by IA
(i)	Land filling/leveling including boundary wall and fencing:	100.00

(ii)	Laying roads	238.00
(iii)	Road side greenery & social forestry	10.00
(iv)	Water supply including overhead tanks, and pump houses	57.00
(v)	Water harvesting	5.00
(vi)	Drainage	145.00
(vii)	Power distribution, Street light arrangements, etc.	54.00
(viii)	Administrative and Other Services Complex	20.00
(ix)	Telecom/Cyber/Documentation centre	20.00
(x)	Conference Hall/Exhibition centre	30.00
(xi)	Bank/Post office	20.00
(xii)	First aid centre,Creche Canteen	20.00
(xiii)	Contingencies & Pre operative expenses :	131.00
	<b>Total</b>	<b>850.00</b>

#### 5. Proposed means of finance:

(Rs. in lakh)

S. No.	Particulars	Proposed by IA
(i)	GoI Grant under MSE-CDP:	369.60
(ii)	State Government / TANDICO own fund	480.40
	<b>Total</b>	<b>850.00</b>

#### 6. Observations:

Following documents are required to be submitted prior to final approval:

- (i) Registered land document in the name of Implementing Agency and counter signed by Competent Authority in English version is required.

#### 7. Proposal for Steering Committee:

Committee may consider the proposal for **In-principle Approval** for setting up of New Industrial Estate at Marikundu, Theni, Tamil Nadu.

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**Agenda No.47.3.34 (S): Proposal for In-principle approval for setting up of Industrial Estate at Uthangaria, Krishnagiri, Tamil Nadu.**

**Background:**

- (i) Vide letter dated 09.05.17, Government of Tamil Nadu forwarded the Proposal along with Detailed project Report (DPR).
- (ii) Online Application received vide application ref. No.8631 dated 07.09.17 along with recommendations of MSME-DI, Chennai.
- (iii) The proposal was recommended by State Level Steering Committee (SLSC) in its meeting held on 14.12.17.
- (iv) 47<sup>th</sup> Steering Committee decided that the proposal resubmitted with enhanced State Government share for consideration.
- (v) Vide letter dated 24.07.18, TANDICO, Chennai submitted the documents and requested to consider the proposal for In-principle approval:

<b>Documents required</b>		<b>Status</b>
(a)	Registered Land document in the name of Implanting Agency.	Received
(b)	Clarification regarding State Government share and 'others'.	Received
(c)	Commitment letter from State Government (Industries Department) in respect of its share in the project and cost escalation, if any, over and above the approved project cost.	Received
(d)	Tangible outcomes like number of units, turnover, export, employment etc. in the format provided.	Received
(e)	Status of completed ID projects in the State as per format provided.	Received
(f)	Details of industries operating in the Industrial Estate.	

Details of the proposal are as under:

**1. Pre-registration Information**

Name of Organization :	Tamilnadu Small Industries Development Corporation Ltd
State :	Tamil Nadu
District :	Krishnagiri
Industrial Estate :	Setting up of New Industrial Estate at Uthangarai

**2. Basic Information about Proposal:**

<b>Particulars</b>	<b>Description</b>
Whether appraised DPR with approved layout plan :	Yes
Total Area of industrial estate/ area (acre):	41.28 acres
Area to be developed (acre)	41.28 axres
Number and sizes of plots to be developed :	95 plots
Implementing Period :	24 Months
Other ID projects	The following Indutrial Estate are available in same District viz

Particulars	Description
sanctioned in same district: year of sanction, number of plots allotted, units set up, etc. :	krishnagiri, Hosur (SIPCOT) Hosur (New), Burgur Phase-I and Pollupalli.
Performance of ID projects in state:	-

### 3. Details about Proposal:

Description	Proposed by Agency(IA)	Implementation	Remarks
Implementing Agency (IA):	Tamil Nadu Small Industries Development Corporation Ltd (SIDCO)		As per MSE-CDP guidelines.
Track Record of the IA	IA has so far implemented		Received.
Appraisal by SIDBI (Observations and recommendations). Attach SIDBI report.	Enclosed		SIDBI appraisal is received from IA.
Whether sufficient facilities available at site. (Proximity to railway stations / state highways, availability of water supply, adequate power supply, telecom facilities, dwelling places of workers)	SIDBI appraisal page no.384		--
Whether land is in possession in the name of IA with Clear Title	Yes, SIDBI appraisal page no.4		--
Whether Zoning regulations and non-agricultural conversion etc complied with):	Yes, SIDBI appraisal page no.4		Received.
Whether State Level Committee to coordinate and monitor progress has been Constituted :	Yes.		Received
Whether confirmation received form IA that it will meet the cost in excess of approved project cost and any escalation in cost :	Yes. SIDBI appraisal page no.4		Received.
Basis of elements of project Cost :	Rs.496.00 lakhs		-
Tangible Outcomes of the project	SIDBI appraisal page no.6		Received.
Justification of the	SIDBI appraisal page no.6		--

Description	Proposed Agency(IA) by Implementation	Remarks
Proposal		

#### 4. Proposed Project Cost:

(Rs. in lakh)

S. No.	Particulars	Estimated by IA
(i)	Land filling/leveling including boundary wall and fencing:	105.00
(ii)	Laying roads	164.00
(iii)	Road side greenery & social forestry	5.00
(iv)	Water supply including overhead tanks, and pump houses	48.00
(v)	Water harvesting	3.00
(vi)	Drainage	70.00
(vii)	Power distribution, Street light arrangements, etc.	42.00
(viii)	Contingencies & Pre operative expenses :	59.00
	<b>Total</b>	<b>496.00</b>

#### 5. Proposed means of finance:

(Rs. in lakh)

S. No.	Particulars	Proposed by IA
(i)	GoI Grant under MSE-CDP:	265.00
(ii)	State Government / TANDICO own fund	231.00
	<b>Total</b>	<b>496.00</b>

#### 6. Observations:

Following documents are required to be submitted prior to final approval:

- (ii) Registered land document in the name of Implementing Agency and counter signed by Competent Authority in English version is required.

#### 7. Proposal for Steering Committee:

Committee may consider the proposal for **In-principle Approval** for setting up of New Industrial Estate at Uthangaria, Krishnagiri, Tamil Nadu.

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## **48.4 Proposals for Final Approval**

**Agenda No.48.4.10 (S): Proposal for Final approval for setting up of Common Facility Centre (CFC) in Gold Jewellery Cluster, Nellore, Andhra Pradesh.**

**Background**

- (i) Proposal was accorded In-principle approval during the 45<sup>th</sup> SCM held on 22.11.17, subject to submission of following documents prior to Final approval.
- (ii) Vide letter dated 31.10.18, Government of Andhra Pradesh submitted the following documents and requested to consider the proposal for final approval:

<b>Documents required</b>		<b>Status</b>
(i)	SIDBI Appraisal Report.	Received.
(ii)	Commitment letter for SPV's contribution.	Received.
(iii)	Detail of SPV's Bank account	Awaited.
(iv)	Commitment letter from SPV members to utilize at least 60 percent of installed capacity.	Received.
(v)	Document regarding registration of all the units in MSME Data Bank.	Awaited.
(vi)	Undertaking from State Government to the effect that more than 50% units in the cluster are micro enterprises.	Awaited.
(vii)	Certificate from State Government for compliance of GFR/ CVC guidelines.	Awaited.

Details of the proposal are as under:

**1. DSR Details**

DSR Conducted By :	Vikrama Simhapuri Traditional Gold Smiths Cluster Services Private Limited.
Validated By :	MSME-DI Hyderabad, DIC Nellore, Local banks and Cluster Enterprises.
When Started :	27.12.12
When Completed :	08.03.13

**2. Basic Information of Cluster**

Name of Cluster :	Gold Jewellery Cluster	
District :	Shri Potti Sriramulu Nellore	
Location of Cluster :	Nellore.	
Lok Sabha Constituency :	Nellore(SC)	
Main Product :	Gold Anklets, Gold Bangles, Gold Ear Rings, Necklace, Chain, Gold Rings, Mangalsutra, Other types of Gold & Silver Jewellery Ornament, Waist Bands	
No. of Enterprises including break up (Micro, Small, Medium) :	Micro	600
	Small	-
	Medium	-
Turnover(Rs. in crore) for the last five years :	<b>Year</b>	<b>Amount</b>
	2013-14	220.50
	2014-15	224.91
	2015-16	229.40
	2016-17	233.99
	2017-18	241.02

Exports(Rs. in crore) for the last five years :	Nil.
Employment in Cluster :	9000 nos. (Direct – 3000 and Indirect – 6000)
Technology Details :	The manufacturing technology used is still crude and conventional in hand made ornaments, machines are used for manufacturing bangles, rings, etc. Finishing/polishing job of the product is not satisfactory when compared to the products of other clusters and companies.
Whether DS Conducted :	Yes.
Main findings of DSR :	<ul style="list-style-type: none"> <li>➤ Clusters technological backwardness resulting in critical gaps in quality jewellery manufacturing.</li> <li>➤ Usage of limited quality Components designs &amp; absence of testing facilities.</li> <li>➤ Decline in enterprises sustainability.</li> <li>➤ Market competitiveness, profitability.</li> <li>➤ Limited compliance of B.I.S standards.</li> <li>➤ Need to provide for availability of primary processing design development.</li> <li>➤ Quality component making &amp; testing facilities under one roof.</li> </ul>
Main Problems of Cluster :	<ul style="list-style-type: none"> <li>➤ Inability to keep abreast of modern trends in product design.</li> <li>➤ Fashion and technological development.</li> <li>➤ Use of traditional methods for casting leading to improper heating and improper mixing of material.</li> <li>➤ Loss of gold due to open air charcoal based melting process.</li> <li>➤ Use of handmade dies leading to poor finish and aesthetic look.</li> <li>➤ Lack of advanced machinery.</li> <li>➤ Lack of design and development facility.</li> <li>➤ Lack of testing and hallmarking facility, etc.</li> </ul>
Other Information :	DSR recommended for establishment of CFC for overall cluster improvement particularly in primary processing, product design, testing, quality component improvement.

### 3. Information about Proposed CFC

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(a.) Justification for CFC	<ul style="list-style-type: none"> <li>➤ The jewellery market in the developing regions is made up of several small family run businesses which make up for a large unorganized market. Even though, multinational companies are operating jewellery chains across most of the regions which contribute to the global jewellery markets organized sector, but the market still governed for a large unorganized sector. These Traditional gold smiths are at the mercy of traders as they lack finance, advance machineries and market reach.</li> <li>➤ The industry is been dominated by traders. There is an urgent need to address the issue of these traditional enterprises and upgrade them with required technological support for sustainability. Establishment of Common Facility Centre will be a great measure towards supporting these Micro Enterprises and is found to be need based and support worthy.</li> </ul>	-

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division		
(b.) Location of CFC	The Cluster is located in Rajendra Nagar in Nellore town, which is 150 Kms. away from famous religious city, Tirupati and 180 Kms. from Chennai city.	-		
percentage of units in radius of 5 km	24	-		
percentage of units in radius of 10 km	100	-		
(c.) Land for CFC				
i. Whether land acquired	Yes, land provided by Sate Government	land provided by State Government.		
ii. Title is in name of	SPV, Vikramasimhapuri Traditional Goldsmiths Cluster Services Private Limited.			
iii. Valuation and its basis	Allotted by State Govt. free of cost.			
iv. Land is sufficient	Yes, land is sufficient.			
v. Change of land use	No.			
vi. If on lease, duration of lease	--			
vii Whether lease is legally tenable	--			
(d.) Total Building area(sq. ft.)	The Building will be constructed on 1400 square Feet land with Stilt Floor, Ground Floor, First Floor & Second Floor.	-		
(e.) Rate of construction of building	Rs.868/- per sq. feet approximately.	-		
(f.) Main Facility Proposed	<ul style="list-style-type: none"> <li>➤ Raw Material Primary Processing Section.</li> <li>➤ Software Design &amp; Tool Room Section.</li> <li>➤ Quality Component Development Facility/Section.</li> <li>➤ Laser Engraving Section.</li> <li>➤ Hallmarking Setup.</li> <li>➤ Die &amp; Minor Machine Section.</li> <li>➤ Plating Section.</li> <li>➤ Miscellaneous Machinery Section.</li> </ul>	-		
(g.) Prod capacity of CFC	<b>Gold Melting</b> : 2400 Kgs., Silver Melting: 12000 Kgs., Designs & Dies: 12000 Nos., Gold & <b>Silver Coins</b> : 48 lakh Nos., Jewellery Casting: 36000 Nos., Bangle Making: 240000 Nos.,Chain Making: 336000 Nos., Silver Component: 72000 Nos., Hallmarking: 36000 Nos. per annum.	-		
(h.) Major Outputs/Deliverables of CFC, Projected performance of the cluster after proposed intervention (in terms of production, export/domestic sales and direct/indirect employment, etc.)	<b>Sl. No.</b>	<b>Parameter</b>	<b>Before intervention</b>	<b>After Intervention</b>
	1.	Total nos. of units	600 nos.	700 nos.
	2	Turnover of cluster	Rs. 241.02 crore	Rs. 300.00 crore(2-3 years of CFC)
	3	Export	Nil	20 units
	4	Profit (%)	Extra recurring expenditure, increased process cost and reduced profit margins.	Increase in profit, 25-30% higher output, no extra recurring cost.

Description	Proposed by Implementation Agency (IA)		Comments by Cluster Division
	5	Employment Direct-3000 Indirect-6000	Direct – 4500 Indirect-8000
(i.) Pollution clearance required or not	Not required.		<b>NOC required from PCB.</b>
(j.) Man Power in CFC	A total of 60 persons are required for smooth running of CFC.		-
(k.) Revenue generation mechanism for sustainability of assets (service/user charges to be levied, any other-to be specified)	Hallmarking: Rs.81 Lakhs, Die & Minor Machining Section: Rs.72 Lakhs, Gold & Silver Plating: Rs.7.2 Lakhs, Sheet Drawing Machine: Rs.21.6 Lakhs, Training Section: Rs.21 Lakhs. Total Revenue generation at 100% utilisation will be Rs.866.4 Lakhs per annum.		-

#### 4. Information about SPV

Description	Proposed by Implementation Agency (IA)		Comments by Cluster Division
(a.) Name and Address	Vikrama Simhapuri Traditional Gold Smiths Cluster Services Pvt. Ltd., Door No.12-2-56 (New), (12/941 Old), Rajendra Nagar, Nellore-524 001, Andhra Pradesh.		-
(b.) Nature of SPV (company or Society or Trust)	Private limited company. (Registered under Companies Act, 1956).		-
(c.) Name of the state Govt. and MSME officials in SPV	State Govt. & MSME-DI will appoint their Officials after final approval.		<b>Details required.</b>
(d.) Date of formation of SPV	17.12.13.		-
(e.) Number of Members	140 nos.		-
(f.) Bye Laws or MoA and AOA submitted	Submitted		Received.
(g.) Authorized Share Capital	1,00,000/-		-
(h.) Paid up capital	Rs. One Lakh as on 31.3.2018.		-
(i.) Shareholding Pattern	25 (each share not more than 10% of the project Cost).		<b>Shareholding pattern of remaining members of SPV are required.</b>
(j.) Commitment letter for contribution	Submitted		-
(k.) SPV specific A/c	Bank: Tamilnad Mercantile Bank Limited Branch: Nellore, Andhra Pradesh A/C No.: 107150050800496 IFSC Code: TMBL 0000107		<b>Project Specific account in Schedule A bank is required</b>

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(l.) Trust Building of SPV, Previous track record of co-operative initiatives pursued by SPV members need to be highlighted with support documentation	The Cluster SPV in association with DIC, Government of Andhra Pradesh and MSME-DI, Hyderabad has completed a majority of soft intervention activities like Trust Building activities, Awareness Programmes, marketing awareness, industrial visits, participation in national and international exhibitions, capacity building, quality and skill upgradation trainings, study tours and visit to other clusters.	-
(m.) Technical Institution	There are several institutions that are supporting SPV viz. Commissioner of Industries, MSME-DI, Hyderabad, DIC, local Engineering Colleges, financial institutions, etc.	-
(n.) CFC may be utilised by SPV members as also others in a cluster. However, evidence should be furnished with regard to SPV member ability to utilise at least 60 percent of installed capacity.	Undertaking submitted by SPV assuring that 60% capacity of Plant & Machinery will be utilised by the Cluster firms.	-
(o.)		
(a) Power requirement for commercial/ domestic purpose	142.5 KVA	-
(b) Water	-	-
(c) Gas/Oil/Other Utilities	-	-

## 5. Implement Arrangements

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(a.) Implementing Agency	The Andhra Pradesh Trade Promotion Corporation Limited is implementing agency for the state under MSE-CDP.	As per MSE-CDP Guidelines.
(b.) Fund receiving Agency	The Andhra Pradesh Trade Promotion Corporation Limited.	
(c.) Implementation Period	24 months as per MSE-CDP Guidelines	
(d.) Appraisal of DPR and main Recommendations	Submitted.	Received
(e.) Comments of Technical Division	Technical Committee in its 55 <sup>th</sup> Meeting held on 03.11.17, recommended the proposal for in-principle approval.	
(f.) Approval of Technical Committee		
(g.) Working capital (In-principle sanction of loan from a bank, if applicable arrangement made)	Tamilnad Mechant Bank Ltd., Nellore has given in-principle sanction for necessary working capital to run the CFC.	<b>Document required.</b>

## 6. Financial Analysis of CFC

Description	Proposed by Implementation Agency (IA)	Comments by Cluster Division
(a.) BEP	40.38%	As per MSE-CDP guidelines.
(b.) IRR, Payback period	16.78%, --	-
(c.) DSCR	NA, as debt not is envisaged.	-
(d.) Return on Capital employed (ROCE)	41.37%	25% is desirable.
(e.) NPV	Rs. 752.15 lakh (before tax) Rs. 429.82 lakh (post tax) for FY 2021.	-
(f.) DER	Zero, as no debt is envisaged in the project.	-
(g.) Sensitivity Analysis	Sensitivity Analysis has been carried out assuming variation in some parameters i.e. a 5% drop in user charges, 5% & 10% reduction in revenue.	-

## 7. Proposed project cost of the CFC is as follow:

(Rs. in lakh)

S. No.	Particulars	Proposed by IA	Recommended by SIDBI	As per MSE-CDP
1.	Land and its development	5.00	5.00	5.00
2.	Building and other Civil Constructions	60.00	60.00	60.00
3.	Plant & Machinery (including electrification)	887.84	894.23	894.23
4.	Misc. fixed assets	10.00	10.00	10.00
5.	Pre-operative and Preliminary expenses, maximum 2% of project cost	16.00	18.00	18.00
6.	Contingency (2% building and 5% on plant and machinery)	45.59	32.85	32.85
7.	Margin money for Working Capital	10.47	14.78	14.78
	<b>Total Project Cost</b>	<b>1034.90</b>	<b>1034.86</b>	<b>1034.86</b>

## 8. Proposed Means of Finance:

(Rs. in lakh)

S. No.	Particulars	Proposed by IA	Recommended by SIDBI	As per MSE-CDP
1	SPV contribution	103.49	103.86	103.86(10%)
	Grant-in-aid from Govt. of India	931.41	931.00	931.00(90%)
2	Grant-in-aid from Govt. of Andhra Pradesh	-	-	-
	<b>Total</b>	<b>1034.90</b>	<b>1034.86</b>	<b>1034.86</b>

### 9. Plant and machinery (with Brief Specification)

S. No.	Name of Machine	Technical Specification	Power Requirement in HP	Qty.	Amount in Rs.
<b>1 – RAW MATERIAL PRIMARY PROCESSING SECTION</b>					
1	Gold Melting Furnace	Capacity: 1KG, High Grade Smelting, Power: 5Hp, 3Phase 220/380v, 50/60Hz	5	1	6,32,835
2	Silver Melting Furnace	Capacity: 5KG, High Grade Smelting, Power: 8Hp, 3Phase 220/380v, 50/60Hz	8	1	11,07,000
3	Gold Refinery Unit	Capacity: 2kg, Purification: 999.9, Reactor Material: Titanium, Filtration System: Scrubber, Exhaust Gas: No Smell/smoke/NO2, Ph Value: 7, Anti corrosion Material of Polypropylene, Power: 1Hp	1	1	10,45,500
<b>2 – SOFTWARE DESIGN AND TOOL ROOM SECTION</b>					
4	Computer with CAD Software and Colour Printer, 2-1.5 ton A/C	A. Jewellery Design CAD Software: Ray Tracing Mode, 3D modeling features, Output file: SLT, prototypes files can be loaded to CNC Machine B. Computers: 2 No's, 64bit processor, 1tb HDD, 19" led monitor, C. Air-conditioning Unit A/C: 2 No.'s cap:1.5ton	1	2	12,79,200
5	CNC Lathe Machine	All Geared High Speed High Precision CNC Lather Machine: 5axis-360mm swing DIA Over bed, Carriage-180mm, Turning Dia:360mm, Power:1hp	1	1	71,34,000
6	Drilling and Taping Machine	Drill Cap: 25mm, Gear box with Motor Belt and V-Belt Pulley, with all standard accessories, Power: 1hp	1	1	3,55,470
7	Bench Grinder	Speed: 2800RPM, with 2- side Buffing Tools, Power:1hp	1	1	3,44,892
8	Pedestal Grinder	Grinding Dia: 12" stone, with Bits, Power:3hp	3	1	2,93,478
9	Surface Grinder	Table: 500x225, Travel Distance: 525x250mm, with magnetic chuck and standard accessories, Power:1hp	1	1	10,07,370
<b>3-Quality Component Development Facility/ Section</b>					
<b>A. Coin Component Line</b>					
10	Hydraulic Coin Pressing Machine	Hydraulic Coin Pressing Machine, cap: 250tons, Stroke Cylinder: 150mm, Forward Speed: 20mm/sec, Return Speed: 30mm/sec, Table: 400x400, Shrink Table Dia: 400x400, Power: 6hp	6	1	24,31,710
<b>B. Jewellery Casting Unit</b>					
11	Rapid Prototyping Machine	SPS 250J Rapid Prototyping 3D Vyper Designing Machine, Input: CAD data, Output: Wax Rexene Model, Laser wave Length 354.7nm, Technology: Solid State, Process: Vacuum Sorb., Build Layer Capability: Min 0.04mm, Typical: 0.1mm, Temperature Range: 22 to 28 Degree C, Relative Humidity	2	1	1,54,98,000



S. No.	Name of Machine	Technical Specification	Power Requirement in HP	Qty.	Amount in Rs.
		<40%.			
12	Vacuum Pressure Casting Machine	Type: Digital Vacuum Pressure Casting, Vacuum Level: 760mmhg, 151/SEC, Thermometric Scope:0 to 1450 Centigrade, Liquidation Time:3 to 5 Minutes, Max Pressure: 2500hps, Melting Capacity: 2.4kg, Metal: Gold, white gold, Silver, Brass etc	2	1	17,82,270
13	Burnout Furnace	Burnout furnace for wax elimination	2	1	55,350
14	Wax Injector	Wax Injector Nozzle type, 230VOLTS, AC current 500watt	1	1	44,280
15	Mould Vulcanizing Machine	Die Press type, 230volts,500 watts	1	1	30,996
16	Water Jet Spray	Nozzle Type fine Particle Spray	1	1	6,888
17	Steam De-Waxer Machine	Heating Element: Cathode electrode, 230volts, ac 1500watts	1	1	44,895
18	Casting Accessories	Trays, Silicon Rubber, Die wax, Graphite Crucible, mould frame, die cutter, Punch, tweezers, Mixing bowl, spruce base etc.	1	1	35,670
<b>C. Bangle Base Making Line</b>					
19	Strip Cutter Machine	Electrical type, Motor 500rpm, Power 1 hp	1	1	1,15,128
20	Tube Forming Machine	Tube forming dies(50x5400), Tube forming spindle: 25x3360mm, Power: 2hp	2	1	31,48,800
21	Hollow Pipe Cutter	Power: 0.12hp, circular blade type, size: 2-4, 2-5, 2-6, 2-7, 2-8 mm	1	1	23,370
22	CNC Bangle Cutter/Faceting Machine	Vikaria Brand, Model: UDH-613, Programmable 6-Axis CNC Controller, compatible with corel draw CAD file, Power: 1hp	1	1	43,05,000
23	Bangle Pattern Making Machine	Design: Multi-facetet designs on bangles rings, pendants, ear tops, ear rings, with various shapes of beads and chains, power-1hp	1	1	8,52,390
24	Bangle Profiling Machine	Roller Dia: 1.7/16inch, with Standard Tool kit	2	1	89,790
25	Bangle Turning Machine	Turning collar 2-3 inch, No. 17 to 49 Size, Concave and Convex Turing tool holder, Diamond tool 3 mm for inner and outer and side turning	1	1	2,87,820
<b>D. Chain Base and Neck Hold Making Line</b>					
26	Automatic Curb Chain Machine	Power 1HP	1	1	10,26,312
27	Automatic Cable Chain Machine	Power 1HP	1	1	10,35,168
28	Wire Flat machine for Box Chain	Power 0.5HP	0.5	1	2,92,248
29	Box Chain Machine	Cap: 2grams, Power 2hp	2	1	7,97,532
30	Ball Chain Making Machine	Power 1hp	1	1	3,71,952

S. No.	Name of Machine	Technical Specification	Power Requirement in HP	Qty.	Amount in Rs.
31	Chain Hammering Press	Power 1HP	1	1	4,69,860
32	Chain Soldering Machine	Power 0.25HP	0.25	1	2,02,212
33	Chain Hammering Block	Power 1HP	1	1	1,35,546
34	Chain Jointing Machine	Power 0.25HP	0.25	1	2,15,988
35	Diamond Cut	Power 1HP	1	1	6,82,896
36	Millenium Twist Chain	Power 1HP	1	1	8,22,501
37	Hallow Rope Chain	Power 1HP	1	1	5,08,851
38	Accessories for Chain Making		1	1	6,76,500
39	Laser Welding Machine	Power Source Laser: Nd:YAG-1064nm, Pulse Energy Max: 100, Peak Power 10KW, Pulse width: 0.5 to 20ms, Spot diameter: 0.2 to 2.0mm, Pulse freq: single shot-up to 20 pulse per second, 1 to 20 Hz, Power 2HP	2	1	16,72,800
40	Laser Cutting Machine	Laser Source YAG, Laser Power: 600w/400w/200w, Photo electric rate<3%, Wave length 1064 nm, Single pulse energy 80joules, Pulse freq: 1-300Hz, Repetitive Accuracy: +/- 0.05mm, orientation accuracy: 0.01mm, Work Table travel 300 to 300mm, Power: 3phase, 80volts/50Hz	1	1	50,43,000
41	Fly Press Machine with Dies	Handle type with suitable bush fitting and all standard accessories	0	3	1,54,980
<b>E. Silver Based Component Making</b>					
42	Sheet Drawing Machine	24x8 inch roller, Double Shaft Semi Gearbox, Helical Gear Box with EN31 Metal, 3phase motor with 1440rpm, all standard accessories	5	1	23,51,760
43	Sheet Drawing Machine	18x6 inch roller, Double Shaft Semi Gearbox, Helical Gear Box with EN31 Metal, 3phase motor with 1440rpm, all standard accessories Power 5hp	5	1	9,37,260
44	Sheet Drawing Machine	12x6 inch roller, Double Shaft Semi Gearbox, Helical Gear Box with EN31 Metal, 3phase motor with 1440rpm, all standard accessories Power 5hp	5	1	7,45,380
45	Power Press Machine	Capacity: 10 Tons, Bed Size: 300x350, Bed to Ram Bottom: 250mm, Stock Length: 55mm, Crank Shaft Dia: 70mm, Gear Dia:450mm, Stroke/Min: 55 with 1440 rpm, Power: 2 Hp	2	2	4,57,560
46	Circular Cutting Machine	Cutting Capacity: 36inch, Motor: 1440 rpm, 3 phase, V belt type, 2 Hp Motor with Std Accessories	2	2	2,33,208
47	Spinning Lathe Machine	Length: 6 feet, Centre Height: 8inch, Motor: 0.5HP, 3 Phase, 1440 rpm, V belt with all std accessories	3	3	4,42,800
<b>4 – Laser Engraving Section</b>					

S. No.	Name of Machine	Technical Specification	Power Requirement in HP	Qty.	Amount in Rs.
48	Laser Engraving/Router Machine	Model FD 20/30, Wave Length 1060 to 1070, Power 10 watt, Laser Energy 0.4/0.8mj, Marking Speed 12000 mm per second, Air Cooled, With All standard accessories-Power- 1hp	1	1	46,74,000
<b>5- Hallmarking Setup</b>					
49	Assay Balance Machine	Accuracy: 0.01mg, Scale: Digital Display, Computerised estimation analyzer, Power 0.12hp	0	1	11,88,180
50	Karat Meter Machine	XRF9 Karat Meter SDD Machine, With gold alloy analyzer, Micro Spot High efficiency X-Ray tube, Silicon Drift Detector, 40x Video CCD Camera, Digital Pulse Processor, WIN base Operating Software, USB interface, with all precious calibration modules	2	1	36,28,500
51	Laser Marker Machine	Karat Mark fly Air Table Laser Marker, Digital Scanning Head, Q Switch Pulse Operation, F Theta Lenses with 160mm focal length, integrated power supply, Optical isolation for I/O Ports, Marking area: 110 x 110mm, Optical fiber: 3 meter	3	1	28,59,750
<b>6 – Die and Minor Machining Section</b>					
52	Ball Dull Machine	Power 0.25 HP	1	1	2,71,092
53	Wire Draw machine with Diamond Hall Dies	Gold Wire Draw Machine with all Standard Size Holes and Diamond Hall Dies Range from 12.25, 12.50, 12.75 to 40.25, 40,50, 40.75 mm	1	1	24,60,000
54	Threading Machine	Automatic Threading Operation, Power 0.5 Hp	1	1	3,17,340
55	Silver Ornaments Dies	Dies for all Standard Silver Articles and Ornaments	0	1	6,36,525
56	Dies-Gold Ornament	Dies for all Standard Gold Articles and Ornaments	0	1	24,78,450
57	Tools and Safety Equipments	Tools for Sampling, Assaying, Ball Pliers, Copies, Scrapping Tools, Tongs, Forceps, Rolling mill, Strong Room safe for storage and other work safety equipments	0	1	17,08,470
<b>7- Plating Section</b>					
58	Plating Unit	Italian Enamel Furnace, Enamel Colours (10), 4 in 1 rhodium plating with stirrer, Rhodium Bottle with 2 gears, power 1Hp	1	1	6,67,890
<b>8 – Miscellaneous Machinery Section : Machineries Useful in Different Sections</b>					
59	Weighing Balance	Different Scale Capacity:6kg, 4kg, 2kg, 1.2kg, 420gms, 200gms, total 10 Nos. set	0	10set	7,68,996
60	Sheet Drawing Machine	Capacity: 400x400mm square plate, double shaft semi gear box system, 3 phase 1000 rpm motor with standard accessories, 2hp	2	4	21,07,728

S. No.	Name of Machine	Technical Specification	Power Requirement in HP	Qty.	Amount in Rs.
61	Security System, Metal Detector Admin Computer+ Printer	CCTV security cameras, Portable metal detector, Alarm system, 64 bit Computer, Colour printer and scanner.	9	1	22,14,000
62	DG Set, Transformer	DG Set: 100KVA, Transformer: 150KVA		1	22,14,000
	<b>Total</b>				<b>8,94,23,337</b>

#### 10. Observations:

Following documents are to be submitted prior to final approval:

- (i) Revised list of SPV members (with units address) along with shareholding pattern.
- (ii) Details of SPV bank account.
- (iii) NOC from State Pollution Control Board.
- (iv) Commitment letter for Working capital (In-principle sanction of loan from a bank, if applicable arrangement made).
- (v) Certificate from State Government regarding compliance of GFR/CVC guidelines.

#### 11. Proposal for Steering Committee:

Committee may consider the proposal for **Final Approval** for setting up of Common Facility Centre (CFC) in Gold Jewellery Cluster, Nellore, Andhra Pradesh at a total project cost of Rs.1034.86 lakh with GoI assistance of Rs.931.00 lakh and SPV contribution of Rs.103.86 lakh.

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