

भारत सरकार
Government of India
इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी मंत्रालय
Ministry of Electronics & Information Technology
इलेक्ट्रॉनिक्स निकेतन, 6, सी जी ओ कॉम्प्लेक्स, नई दिल्ली-110003
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संख्या
No.....
W-45/3/2024-IPHW

दिनांक
Date.....
14th November, 2024

Dr. Mahesh M, IAS
Chief Executive Officer,
M/s Karnataka Industrial Areas Development Board (KIADB),
#49, 4th & 5th Floors, 'East Wing', Khanija Bhavan,
Race Course Road, Bengaluru – 560001

Subject: Modified Electronics Manufacturing Clusters (EMC 2.0) Scheme-Approval for setting up of Electronics Manufacturing Cluster (EMC) project at Kochanahalli Industrial Area, Mysuru District, Karnataka-reg.

References:

- EMC 2.0 Scheme Gazette Notification no. 86 [CG-DL-E-01042020-218991] dated 1st April, 2020;
- Guidelines for implementation of Modified Electronics Manufacturing Clusters (EMC 2.0) Scheme dated 1st June, 2020 [F. No. W-45/3/2020-IPHW-MeitY];
- KIADB EMC online application submission dated 31.03.2023 and revised application dated 12.02.2024 along with Detailed Project Report (DPR) followed by subsequent correspondences thereafter, submission of all requisite information by KIADB on 04.07.2024;
- Date of acknowledgement of application dated 11th July, 2024; and
- Project Review Committee (PRC) meeting dated 14th August, 2024

Sir,

Reference is made to the online application submitted by M/s Karnataka Industrial Area Development Board (KIADB), as the Project Implementing Agency (PIA) cited under reference (iii) above, and subsequent communications seeking central financial assistance under the Modified Electronics Manufacturing Clusters (EMC 2.0) Scheme from the Ministry of Electronics and Information Technology (MeitY) Government of India for establishment of **Electronics Manufacturing Cluster (EMC) project at Kochanahalli Industrial Area, Mysuru District, Karnataka**. Based upon submission of requisite information & documents and further assurances & commitments provided by M/s KIADB and appraised by Project Management Agency; Ministry of Electronics and Information Technology (MeitY) has considered the application in accordance with the EMC 2.0 Scheme and Guidelines. Accordingly, I am directed to convey the approval of the competent authority for setting up of **Electronics Manufacturing Cluster (EMC) project** over an area of **235.55 Acres** with a **project cost of Rs. 221,54,46,957/-** (Rupees Two Hundred Twenty One Crore Fifty Four Lakh Forty Six Thousand Nine Hundred and Fifty Seven Only) [excluding land cost] including Central Financial Assistance of **Rs. 110,77,23,478/-** (Rupees One Hundred Ten Crore Seventy Seven Lakh Twenty Three Thousand Four Hundred and Seventy Eight Only) from Ministry of Electronics and Information Technology (MeitY).

2. The parameters of the project are mentioned hereunder:

#	Project Parameter(s)	Details
i)	Project Implementing Agency (PIA)	M/s Karnataka Industrial Area Development Board (KIADB)
ii)	Location of EMC	Kochanahalli Industrial Area, Mysuru Taluka & District, Karnataka (Latitude: 12°10'55.9"N ; Longitude: 76°41'11.8"E; Site Coordinates: 12.182200, 76.686600)
iii)	Area of EMC	235.55 Acres (Layout attached at Annexure-I)
iv)	Processing and Non-Processing Area	<ul style="list-style-type: none"> • Processing Area: 191.10 acres (81.13%) • Non processing Area: 42.59 acres (18.08%) • Water Body: 1.86 acres (0.79%)
v)	Saleable Area with Ready Built Factory (RBF) Sheds for allotment to unit(s)	Saleable Area: 140.01 acres <ul style="list-style-type: none"> • Industrial Plottable Area: 123.51 acres (No. of industrial plots-64) • Area earmarked for RBFs: 16.50 acres (No. of sheds: 7 with 50,000 Sq. Ft each)
vi)	Targeted ESDM verticals in EMC	Electronic components, Batteries and accumulators, Computers and peripheral equipment, Communication equipment
vii)	Anchor Unit(s)	<ul style="list-style-type: none"> • M/s Wuerth Elektronik CBT India Pvt Ltd., ii) M/s Cyient DLM Ltd., and iii) M/s KAYNES Circuit India Pvt. Ltd., collectively considered as Anchor unit (<i>Refer Annexure-II</i>) • Committed area for land allotment – 58 Acres. • Units Investment Commitment: Rs. 1,591 crore • Projected Employment: 2,490 persons
viii)	Implementation Timelines	24 months from date of project approval

TERMS AND CONDITIONS:

3. The approval and financial assistance for this project are subject to compliance by M/s Karnataka Industrial Area Development Board (KIADB) to the Modified Electronics Manufacturing Clusters (EMC 2.0) Scheme and Guidelines including amendments, if any, issued by the Government of India from time to time and the terms and conditions stipulated hereinafter.
4. The financial assistance has been approved on basis of the eligible activities, break-up of project cost, and funding pattern submitted by M/s KIADB appraised by Project Management i.e. STPI and approved by MeitY under the EMC 2.0 Scheme which is tabulated hereunder. M/s KIADB undertakes to comply with the eligible activities, the break-up of project cost, and the funding pattern as provided herein.

Amount: In Rupees

Components	Unit	Quantity	Unit Rate	Actual Cost (A)	Cost against provisions (B)	Total Cost (A+B)	Central Financial Assistance
A. Vital Services							
A.1 Boundary wall and Entrance Gates with Security cabin	Km	5.68	65,65,562.15	3,72,92,393	74,58,479	4,47,50,872	2,20,09,179
<i>A.1.1 Boundary fencing (1.8 Mtr. Height with Brick wall and Barbed wire/chain link fencing)</i>	Km	5.68	61,64,533.45	3,50,14,550	70,02,910	4,20,17,460	2,06,64,844
<i>A.1.2 Entrance Gate with Security Cabin Including Civil Items & Architectural Façade</i>	No's	1.00	22,77,843.00	22,77,843	4,55,569	27,33,412	13,44,335
A.2 Internal roads (Including carriageway, footpath/Pavement, road furniture's and space for utilities)	Km	1.02	8,55,97,222	8,73,09,167	1,74,61,833	10,47,71,000	5,15,28,018
<i>A.2.1 12m RoW Road (For execution of balance works like Trees Plantation etc.)</i>	LS	0.197	33,20,642.98	6,54,167	1,30,833	7,85,000	3,86,075
<i>A.2.2 21m RoW Road (For execution of works like Kerbs, Plantation of Trees, 80mm Paver Blocks for Paved Shoulder, 60mm Paver Blocks for Footpath etc.)</i>	LS	2.35	76,61,274.29	1,80,03,995	36,00,799	2,16,04,794	1,06,25,576
<i>A.2.3 21m RoW Wide Road</i>	Km	0.883	5,30,35,302.46	4,68,30,172	93,66,034	5,61,96,206	2,76,38,174
<i>A.2.4 24m RoW Road (For execution of balance works like Kerb, GSB for Footpath separator, Plantation of Trees, 80mm Paver Blocks for Paved Shoulder, 60mm Paver Blocks for Footpath etc.)</i>	Km	0.14	15,58,63,095.24	2,18,20,833	43,64,167	2,61,85,000	1,28,78,193
A.3 Storm water Drainage RCC storm water drains including Minor Bridges crossing Irrigation Canal, Rain water harvesting pit & culverts)	Km	2.07	1,42,60,709.66	2,95,19,669	59,03,934	3,54,23,603	1,74,21,883
<i>A.3.1. RCC storm water drain at 21m RoW R8, R9 & R10 road with 0.8m x 1m, 9m RoW R13 with 0.8m x 1m and Cross Drains with 21m RoW 1.2m x 1.2m, 1000mm dia NP-4 pipe culvert at 21 Row for R8, R9, R10 road and 9RoW for R13 road.</i>	Km	2.07	1,10,20,676.33	2,28,12,800	45,62,560	2,73,75,360	1,34,63,631
<i>A.3.2 Minor Bridge for R9 - (Ch 0+191, R10 - Ch 0+192)</i>	No's	2.00	32,05,533.00	64,11,066	12,82,213	76,93,279	37,83,675
<i>A.3.3 Rain water Harvesting Pits</i>	No's	7.00	42,257.57	2,95,803	59,161	3,54,964	1,74,577
A.4 Power distribution Network	LS		14,11,84,947.33	14,11,84,947	2,54,13,291	16,65,98,238	8,19,35,622
<i>A.4.1 Internal Power Distribution Network for 11 KV line (through UG Cable of 11 KV 400 sq.mm. coming from 220/66/11kV Adakanahalli MUSS)</i>	LS		14,11,84,947.33	14,11,84,947	2,54,13,291	16,65,98,238	8,19,35,622
Sub-Total (A)				29,53,06,176	5,62,37,537	35,15,43,713	17,28,94,702
B. Essential Services							
B.1 Waste Disposal / Recycling / Solid Waste management (for handling of solid waste of 2.4 TPD in PPP mode)	No's	1.00	75,35,145.22	75,35,145	14,94,317	90,29,462	44,40,831
<i>B.1.1 Civil Work</i>	LS		22,12,552.00	22,12,552	4,42,510	26,55,062	13,05,801

Components	Unit	Quantity	Unit Rate	Actual Cost (A)	Cost against provisions (B)	Total Cost (A+B)	Central Financial Assistance
<i>B.1.2 Mechanical Items (Equipment such as Organic waste composting machine NE 1000 DI (1000 Kg per day) with SS-304, Organic waste composting machine NE 500 DI (500 Kg per day) with SS-304, Shredder (5 HP), De Waterer(5HP), Screw Conveyor (5 HP with overload protection)</i>		LS	46,87,000.00	46,87,000	9,37,400	56,24,400	27,66,168
<i>B.1.3 Tata Chassis -Tipper Dumper Vehicle use for transport of Garbage (No's of Vehicle-1) with Capacity 2.2 Cum, Cylinder 1.5-2 Ton, Operate by 12V DC Power backup</i>	1.00	7,50,000	6,35,593.22	6,35,593	1,14,407	7,50,000	3,68,862
B.2 Water Treatment Plant /Water Recycling with distribution network	Km	14.10	43,92,873.71	6,19,39,519	1,23,87,904	7,43,27,423	3,65,55,391
B.2.1 Water Supply and distribution	Km	7.40	73,86,981.12	5,46,63,660	1,09,32,732	6,55,96,392	3,22,61,333
<i>B.2.1 Pumping Main from WTP to GLSR of capacity 0.45 MLD with 200mm dia DI K-7 of 500m length</i>	Km	0.50	40,00,000.00	20,00,000	4,00,000	24,00,000	11,80,358
<i>B.2.2 WTP-1.3MLD</i>	MLD	1.30	3,01,51,773.18	3,91,97,305	78,39,461	4,70,36,766	2,31,33,418
<i>B.2.3 GLSR of 0.45MLD Capacity</i>	MLD	0.45	99,25,233.73	44,66,355	8,93,271	53,59,626	26,35,948
<i>B.2.4 Distribution Network from GLSR with 110mm,125mm,160mm, 200mm HDPE Pipe including fittings across 6.9 Km.</i>	Km	6.90	13,04,347.83	90,00,000	18,00,000	1,08,00,000	53,11,609
B.2.2 Water Recycling	Km	6.70	10,85,949.10	72,75,859	14,55,172	87,31,031	42,94,058
<i>B.2.2.1 Recycle Water Supply Distribution Pipe line (90mm,110mm, 125 mm, 160 mm HDPE Pipe of length 6.7Km including fittings and Pump)</i>	Km	6.70	10,44,776.12	70,00,000	14,00,000	84,00,000	41,31,252
<i>B.2.2.2 Mechanical Works (Pump Set - 4HP X 53KW X30 M Head, 2 No's)</i>	No's	2.00	52,500.00	1,05,000	21,000	1,26,000	61,969
<i>B.2.2.3 Electrical Supply & Installation, Recycle water pump capacity 5 KW motors (1Working + 1 Stand by + 1 Spare)</i>	No's	3.00	56,953.00	1,70,859	34,172	2,05,031	1,00,837
B.3 Waste Water Treatment Facility (CETP-0.35 MLD, CWWTP- 0.48 MLD)	MLD	0.83	13,07,66,744.65	10,85,36,398	2,17,38,955	13,02,75,353	6,40,71,458
<i>B.3.1 Civil work including MS Fabrication works</i>		LS	1,40,35,992.00	1,40,35,992	28,07,198	1,68,43,190	82,83,745
<i>B.3.2 Electromechanical works</i>		LS	7,88,16,000.00	7,88,16,000	1,57,63,200	9,45,79,200	4,65,15,531
<i>B.3.3 Compound Wall (327M X 0.23M X 2.1M)</i>	RM	327.00	11,546.62	37,75,744	7,55,149	45,30,893	22,28,364
<i>B.3.4 Buildings Cost (Including Administrative Room & laboratory, Operator Room, Chemical Storage Room, Pump House, RO & Panel building, Security Room, Control Panel Room, DG Room, and Blower Room).</i>		LS	59,71,815.00	59,71,815	11,94,363	71,66,178	35,24,439
<i>B.3.5 Transformer Yard Boundary Fencing</i>		LS	36,734	36,734	7,347	44,081	21,680
<i>B.3.6 5 M Wide Internal Road</i>	KM	0.21	1,66,72,903.56	34,17,945	6,83,589	41,01,534	20,17,199
<i>B.3.7 RCC Side Drain size - 0.45M X 0.45M</i>	KM	0.21	39,86,385.37	8,17,209	1,63,442	9,80,651	4,82,299
<i>B.3.8 Site Grading</i>	CU.M	4,232.43	261.19	11,05,454	2,21,091	13,26,545	6,52,415

Components	Unit	Quantity	Unit Rate	Actual Cost (A)	Cost against provisions (B)	Total Cost (A+B)	Central Financial Assistance
B.3.9 Street Lighting Single Arm (100-watt LED)	No's	11.00	28,795.00	3,16,745	95,024	4,11,769	2,02,514
B.3.10 Landscaping	S.FT.	971.04	250.00	2,42,760	48,552	2,91,312	1,43,272
B.4 Sewage Lines/ Wastewater collection network (Sewer and effluent with 200 mm, DWC pipes along with all Manholes, Plot connections, SPS and Submersible Pumps]	Km	5.10	1,03,95,042.86	5,30,14,720	1,06,02,943	6,36,17,663	3,12,88,163
<i>B.4.1 Gravity Main (Sewer Manholes)</i>	LS		5,06,22,471.41	5,06,22,472	1,01,24,494	6,07,46,966	2,98,76,309
<i>B.4.2 Plot connections (Pipelines with plot connection chamber size - 600mm X 940mmX940 mm)</i>	LS		11,59,356.02	11,59,356	2,31,871	13,91,227	6,84,227
<i>B.4.3 Sewage Pumping Station</i>	No's	2.00	43,557.78	87,116	17,423	1,04,539	51,414
<i>B.4.4 Mechanical Works, Submersible Pumps 1KW x3m head, 2 No's (1 Working + 1 Standby)</i>	No's	2.00	5,25,000.00	10,50,000	2,10,000	12,60,000	6,19,688
<i>B.4.5 Electrical Supply & Installations, Sewer Network Pump Capacity 1KW Motors (1Working+1Standby+1Spare)</i>	No's	3.00	31,925.20	95,776	19,155	1,14,931	56,525
B.5 Street lights <i>(180 no's of single arm 9m street light pole with 200W LED luminaire along the road with smart lighting control and High Mast pole at junction area)</i>	No's	180.00	71,407.90	1,28,53,421	23,13,616	1,51,67,037	74,59,386
B.6 Truck Parking <i>(Over 3 plots of 5.3 acres, 2.5 acres, 3.29 acres with security cabin & rest room/ toilets for the truck drivers)</i>	Acres	11.09	1,22,40,865.10	13,57,51,194	2,71,50,239	16,29,01,433	8,01,17,475
<i>B.6.1 Truck Parking – Trucks Parking -170 No's; Trailers Parking 182 No's, Cars Parking (172 No's), Two wheelers parking (672 no's)</i>	LS		13,33,18,569.00	13,33,18,569	2,66,63,714	15,99,82,283	7,86,81,792
<i>B.6.2 Security Cabin</i>	LS		11,36,000.00	11,36,000	2,27,200	13,63,200	6,70,443
<i>B.6.3 Landscaping</i>	S.FT.	4,715.00	275.00	12,96,625	2,59,325	15,55,950	7,65,240
B.7 Ready Built Factory (RBF) Sheds	SFT	3,50,000	1,705.94	59,70,77,993	11,94,15,599	71,64,93,591	35,23,82,765
<i>B.7.1 Civil Work – RBF Sheds (7 No's) (with BUA of 50,000 S.FT. each)</i>	SFT	3,50,000	1,504.08	52,64,27,562	10,52,85,512	63,17,13,074	31,06,86,380
<i>B.7.2 Architectural Façade work</i>	LS		1,58,53,194.91	1,58,53,195	31,70,639	1,90,23,834	93,56,219
<i>B.7.3 Landscaping</i>	S.FT	4,645.15	1,750.00	81,29,012	16,25,803	97,54,815	47,97,571
<i>B.7.4 Electrical items</i>	LS		3,69,25,875.00	3,69,25,875	73,85,175	4,43,11,050	2,17,92,868
<i>B.7.5 Fire-fighting</i>	LS		97,42,348.00	97,42,348	19,48,470	1,16,90,818	57,49,727
			Sub-Total (B)	97,67,08,389	19,51,03,573	117,18,11,962	57,63,15,469
C. Desirable Services							
C.1 Welfare Services *							
C.1.1 Hostel Block – 1 No's (G+2 RCC structure to encompass 152 employees) Includes Common Kitchen & Dining area, 2 common rooms and 20 twin sharing rooms on the Ground Floor. The first	SFT	37,122.00	2,958.11	10,98,10,915	2,19,62,183	13,17,73,098	6,48,08,073

Components	Unit	Quantity	Unit Rate	Actual Cost (A)	Cost against provisions (B)	Total Cost (A+B)	Central Financial Assistance
<i>& second floor will consist of 28 twin sharing rooms & two common rooms on each floor & terrace area).</i>							
a) Civil Works	SFT	37,122.00	2,094.38	7,77,47,575	1,55,49,515	9,32,97,090	4,58,84,970
b) Plumbing	SFT	37,122.00	36.67	13,61,259	2,72,252	16,33,511	8,03,386
c) Internal Roads 7.5 M RoW (Including 3 mtr & 6 mtr driveway and footpath)	KM	0.33	3,25,24,753.05	1,06,68,119	21,33,624	1,28,01,743	62,96,098
d) RCC Side Drain (0.45M X 0.45M)	RM	328.00	8,167.04	26,78,790	5,35,758	32,14,548	15,80,965
e) Compound wall (328M X 0.23M X 2.1M)	RM	641.00	7,320.87	46,92,676	9,38,535	56,31,211	27,69,518
f) Architectural Façade works	LS		62.83	23,32,427	4,66,485	27,98,912	13,76,549
g) Electrification works	SFT	37,122.00	246.86	91,63,788	18,32,758	1,09,96,546	54,08,273
h) Fire- Fighting works	SFT	37,122.00	31.42	11,66,281	2,33,256	13,99,537	6,88,314
C.1.2 Landscaping	Sq.M	9,092.69	275.00	25,00,490	5,00,098	30,00,588	14,75,736
C.1.2.1 Hostel Block	Sq.M	1,775.35	275.00	4,88,221	97,644	5,85,865	2,88,138
C.1.2.2 Administrative Block	Sq.M	2,903.34	275.00	7,98,419	1,59,684	9,58,103	4,71,210
C.1.2.3 Manufacturing Support Block	Sq.M	4,414.00	275.00	12,13,850	2,42,770	14,56,620	7,16,389
Sub-Total (C.1)				11,23,11,405	2,24,62,281	13,47,73,686	6,62,83,810
C.2. Support Services							
C.2.1 Administrative Block (G+2 RCC structure)	SFT	25,877.80	2,807.85	7,26,60,902	1,45,32,180	8,71,93,082	4,28,82,923
a) Civil Works	SFT	25,877.80	1,666.13	4,31,15,782	86,23,156	5,17,38,938	2,54,46,020
b) Plumbing works	SFT	25,877.80	38.44	9,94,816	1,98,963	11,93,779	5,87,119
c) Compound wall (328M X 0.23M X 2.1M)	RM	431.00	12,403.98	53,46,115	10,69,223	64,15,338	31,55,164
d) Internal Roads 7.5 M RoW (Including 2 mtr & 6 mtr driveway and footpath)	KM	0.33	2,83,14,609.09	93,43,821	18,68,764	1,12,12,585	55,14,525
e) RCC Side Drain (0.45M X 0.45M)	RM	330.00	8,167.04	26,95,124	5,39,025	32,34,149	15,90,605
f) Architectural Façade works	LS		12,93,473.46	12,93,473	2,58,695	15,52,168	7,63,380
g) Electrification works	SFT	25,877.80	346.48	89,66,012	17,93,202	1,07,59,214	52,91,550
h) Fire Fighting works	SFT	25,877.80	35.00	9,05,759	1,81,152	10,86,911	5,34,560
C.2.2 CCTV Supply & Installations (PTZ Camera-8 No's, Bullet Camera-10 No's, LED TV (32 Inch), 4 TB(HDD))	LS		32,58,681.17	32,58,681	6,51,736	39,10,417	19,23,205
C.2.3 ICT Supply & Installation (Hotspot controller ISP Server-100 Users, 8 Access points, 30 Ft. tower, OFC & accessories -12.5 Km	LS		57,17,289.54	57,17,290	11,43,457	68,60,747	33,74,223
Sub-Total (C.2)				8,16,36,873	1,63,27,373	9,79,64,246	4,81,80,351
C.3 Manufacturing Support							
C.3.1 Manufacturing Support Services Block (G+1 structure includes tool room, electrical testing for EV batteries, component testing & testing certification, etc.) (Equipment details enclosed at Annexure-III)	SFT	56,812.80	5,884.86	33,43,35,371	8,93,38,061	42,36,73,432	20,83,69,228
C.3.1.1 Civil Works (Site Gradation, Compound wall, Internal Roads & Drains)	SFT	56,812.80	462.06	2,62,50,771	52,50,154	3,15,00,925	1,54,92,648
C.3.1.2 MEP Works (Civil Items, Electrical, Fire Fighting, Plumbing, Architectural Façade)	SFT	56,812.80	2,089.77	11,87,25,922	2,37,45,184	14,24,71,106	7,00,69,521

Components	Unit	Quantity	Unit Rate	Actual Cost (A)	Cost against provisions (B)	Total Cost (A+B)	Central Financial Assistance
C.3.1.3 Equipment for Tool Room	LS		6,05,40,856.00	6,05,40,856	1,99,78,482	8,05,19,338	3,96,00,671
C.3.1.4 Equipment for Comprehensive electrical tests for EV Batteries	LS		8,59,05,000.00	8,59,05,000	2,83,48,650	11,42,53,650	5,61,91,734
C.3.1.5 Equipment for Test and Validation Centre	LS		4,29,12,822.00	4,29,12,822	1,20,15,590	5,49,28,412	2,70,14,653
Sub-Total (C.3)				33,43,35,371	8,93,38,060	42,36,73,431	20,83,69,227
Sub -Total (C.1+C.2+C.3)				52,82,83,649	12,81,27,714	65,64,11,363	32,28,33,388
D. External Infra Development							
D.1 External Water Supply	Km	2.75	54,67,071.96	1,50,34,448	30,06,890	1,80,41,338	1,80,41,338
D.1.1 Pumping mains from GLSR (25 Lakh Liters at Thandya Industrial area) to WTP (1.3 MLD) via 250mm dia DI K-7 pipeline including fittings and Pumphouse & pump.	Km	2.75	43,63,636.36	1,20,00,000	24,00,000	1,44,00,000	1,44,00,000
D.1.2 Construction of Pump House	LS		27,22,640.64	27,22,641	5,44,528	32,67,169	32,67,169
D.1.3 Electrical Supply & Installation (15Kw, 13 HP @ 40m head)	LS		1,82,358.00	1,82,358	36,472	2,18,830	2,18,830
D.1.4 Mechanical Works (Pump Set - 2 No's)	No's	2.00	64,724.63	1,29,449	25,890	1,55,339	1,55,339
D.2 Extension of HT/LT Line and 11 KV line from 220/66/11kV Adakanahalli MUSS (To draw 11 KV power supply feeders (through overhead) from Adakanahalli main source substation to EMC site (2 Km) using ACSR conductors on GI towers)	LS	LS	40,36,264.40	40,36,264	7,26,528	47,62,792	47,62,792
Sub -Total (D)				1,90,70,712	37,33,418	2,28,04,130	2,28,04,130
E. Administrative Expenses	LS			1,28,75,789	-	1,28,75,789	1,28,75,789
Grand Total (A+B+C+D+E)				1,83,22,44,715	38,32,02,242	221,54,46,957	110,77,23,478

*Activities under Welfare services are Non-processing area activity. Rest of the activities pertain to Processing area activity.

**Cost against provisions includes GST, Contingency charges, transportation /logistic charges etc. (as applicable)

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5. The details of funding for the project approved by the competent authority under the Modified Electronics Manufacturing Clusters (EMC 2.0) Scheme are provided in the table hereunder.

S. No.	Sources of Funding	Amount (In Rupees)
i)	Central Financial Assistance from MeitY	110,77,23,478
ii)	Contribution from PIA i.e., M/s KIADB	110,77,23,479
	Total	221,54,46,957

6. **Implementation timelines:** M/s KIADB will undertake to implement the project within the timelines cited at para 2 (viii) above. In the event of considerable and persistent delay in the project, action will be taken in accordance with EMC 2.0 Scheme and Guidelines.
7. The PIA i.e., M/s Karnataka Industrial Area Development Board (KIADB), will execute agreement(s) with the Project Management Agency i.e., STPI, New Delhi for proper utilization of financial assistance wherein it will undertake to abide by the terms and conditions specified in the approval letter, the terms of the Scheme and Guidelines or any instructions issued by the MeitY through PMA on time to time. In the event of failing to comply with any of the conditions; it will be treated as a breach of the agreement, and in such condition, PIA i.e., KIADB will be liable to refund to the President of India, the entire amount of the financial assistance together with the penalties or interest (*as applicable*) imposed by the Governing Council on account of breach of the agreement.
8. The PIA will create an Escrow Account with a Bank (Nationalized or Commercial) and provide the details thereof to the PMA. The PIA shall enter into a Tripartite Escrow Agreement with the PMA, and the Bank, where the escrow account of the PIA is maintained, for proper utilization of the financial assistance. The PIA will adhere the requisite norms and amendments (if any) as prescribed by Ministry of Finance on time to time.
9. KIADB will ensure the allotment of minimum 70% of the utilizable land area (excluding internal development for roads, carriageways, green spaces, drainage, sewage etc. and common infrastructure for utilities such as Power, Lighting, Waste Management, Effluent Treatment, Fire Fighting and Safety, etc.) for processing activities and remaining area for non-processing activities as included in the list of desirable activities under the Scheme and classified at para 4 above of this approval letter.
10. KIADB shall ensure that the unit(s) which have confirmed their investment within the EMC and highlighted at Para 2 (vii) above, make investment towards setting up of their electronics manufacturing facilities in EMC. In case of change in Anchor unit(s), it would be the responsibility of the KIADB to bring out such changes in the notice of MeitY well in advance for requisite approval(s).
11. The disbursement of financial assistance will be made on pari-passu basis i.e., all proportionate payments to be released after the mobilization of corresponding share/contribution by PIA i.e., M/s Karnataka Industrial Area Development Board (KIADB) in the escrow account and other necessary conditions for the release of such payments as prescribed in EMC 2.0 Scheme Guidelines have been complied with. The same is to be applicable to all the installments with effect from the first installment

to be released to the PIA. The deposits in the escrow account shall be utilized only for authorized expenditure as per project approval.

12. The first installment i.e., 30% of the Central financial assistance will be released after compliance of terms & conditions as mentioned in this approval letter and fulfilling of the below mentioned criteria:
 - i. Submission of Environmental Clearance from Competent authority i.e., SEIAA;
 - ii. Submission of revised implementation schedule with quarter wise measurable milestones, as per Scheme Guidelines;
 - iii. Execution of Memorandum of Agreement (MoA) with PMA spelling out explicitly the project deliverables and timelines;
 - iv. Opening of designated escrow account in nationalized /commercial Bank and execution of Tripartite Escrow Agreement with PMA for such escrow account; and
 - v. Deposition of pari-passu contribution in escrow account by M/s KIADB

13. The second Installment i.e., 40% of the Central financial assistance will be released on compliance of the following conditions:
 - i. After utilization of 80% of first installment and proportionate contribution of the PIA including other sources;
 - ii. Allotment of land to the Anchor Unit(s);
 - iii. Deposition of pari-passu contribution in Escrow Account by M/s KIADB
 - iv. On recommendations of the Project Review Committee (PRC)

14. Third (last) Installment i.e., 30% of the Central financial assistance will be released on compliance of the following conditions:
 - i. After utilization of the first and second instalment of Central financial assistance and the proportionate contribution of the PIA including other sources;
 - ii. Deposition of pari-passu contribution in Escrow Account by M/s KIADB
 - iii. On completion of the project in line with Clause 9.1 of EMC 2.0 Scheme Guidelines as follows:
 - a) Completion of Infra developmental activity cited at para 4 above.
 - b) Obtaining of all requisite statutory clearances for the EMC project;
 - c) Commencement of construction activity by atleast one Anchor unit;
 - d) Allotment of atleast 50% of saleable / leasable land area to the manufacturing units within the EMC;
 - e) Commencement of construction activity by atleast 50% of such land allottees; and
 - f) Any other condition as deemed necessary by PRC in the interest of the project.

15. Securing funds for any enhancement in the overall cost of the project will be the responsibility of the PIA. The financial assistance for the project from Government of India shall be limited to the approved amount as per this approval letter.

16. In the event of reduction of cost in a project component(s), the financial assistance will automatically get reduced on pro-rata basis for that project component(s).

17. It will be the responsibility of the PIA to obtain necessary approvals and clearances required for the project (*as applicable*) before or during (*as the case may be*) the implementation of the project but not later than the release of last instalment of financial assistance.
18. The PIA will submit the "Utilization Certificate" on the basis of audit done by Chartered Accountant in accordance with General Financial Rules (GFR), 2017 and other terms and conditions/rules/procedures/ amendments (if any) as prescribed by Ministry of Finance, Government of India from time to time.
19. The PIA shall maintain separate books of accounts of the Government financial assistance and furnish audited statement of accounts on time to time. These audited statements of accounts should be furnished after utilization of each instalments/ tranche of instalment or whenever called for.
20. The PIA may seek reimbursement of expenditure made on the approved project / project components in case the PIA intends to make upfront expenditure on the implementation of the project. However, PIA will have submitted the application under the Scheme prior to incurring any expenditure on the project. The submission of such application does not guarantee any approval and any such approval will be subject to issue of a formal approval letter in accordance with the scheme parameters. Expenditure made after the issuance of the acknowledgment will be eligible for reimbursement.
21. The PIA will submit Quarterly Progress Reports (QPRs) on regular basis and will also be responsible to submit the project implementation status /reports on time to time as and when asked for. PIA will continue to submit the Quarterly Progress Report (QPRs) for atleast six months after completion of the project.
22. The accounts of PIA shall be open for inspection by the Ministry of Electronics and Information Technology and audit, both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry of Electronics and Information Technology as and when deemed necessary. Ministry of Electronics and Information Technology shall also have the right to appoint an agency for undertaking such audit (*if required*).
23. KIADB will submit the Utilization Certificate (UC) along with requisite documents immediately after utilization of funds or before the closure of the financial year. Receipt of such certificate shall be scrutinized by PMA. Where such certificate is not received from the PIA within the prescribed time, the MeitY will have liberty to take necessary action and may consider to blacklist such PIA from any future grant, subsidy, or other type of financial support from the Government of India.
24. KIADB will maintain a register of permanent and semi-permanent assets acquired wholly or substantially out of Central Financial Assistance on the basis of General Financial Rules (GFR 2017) notified by Ministry of Finance and subsequent amendment thereto (if any) and will furnish a return on such assets acquired during a financial year in the format as prescribed in General Financial Rules of Ministry of Finance.

25. The assets acquired wholly or substantially out of Central Financial Assistance shall not, without the prior sanction of the Government of India, be disposed of, encumbered or utilized for the purpose other than for which the Central Financial Assistance has been released.
26. KIADB shall undertake procurement of goods, equipment and services or any other item(s) through a transparent and competitive procurement process.
27. In case Government of India, is of the opinion that the implementation of the project is not satisfactory or any reason for delay in implementation /completion, the Government of India would have the powers to change in the management / appoint any other implementing agency or issue any other directions as deemed necessary.
28. In case of winding up, dissolution, etc. of the PIA, at any point in time, all assets and any unutilized grant shall automatically vest with the Government of India.
29. PIA shall publicly disclose the land price as well as user charges against Common facilities / services (*as applicable*) in the EMC.
30. In case of any conflict or dispute between PIA and PMA, conflict should be resolved mutually. In case of failure of mutual resolution, the matter will be dealt as per Arbitration clause in Agreement to be signed/signed (*as the case be*) between STPI (PMA) and KIADB (PIA).

Yours sincerely,



(Asha Nangia)

Group Coordinator and Scientist-G

Ph: 011- 24369904

Copy to:

- i. PS to Hon'ble Minister (E&IT) for kind information of Hon'ble Minister(E&IT), Govt. of India
- ii. PS to Hon'ble MoS (E&IT) for kind information of Hon'ble MoS(E&IT), Govt. of India
- iii. Secretary, MeitY
- iv. JS &FA, MeitY
- v. JS(Electronics)
- vi. Secretary, Department of Electronics & IT, Biotechnology and Science & Technology. Government of Karnataka, Room No. 602, 6th Floor, MS Building, Bengaluru – 1
- vii. Project Management Agency (PMA) i.e., STPI Delhi



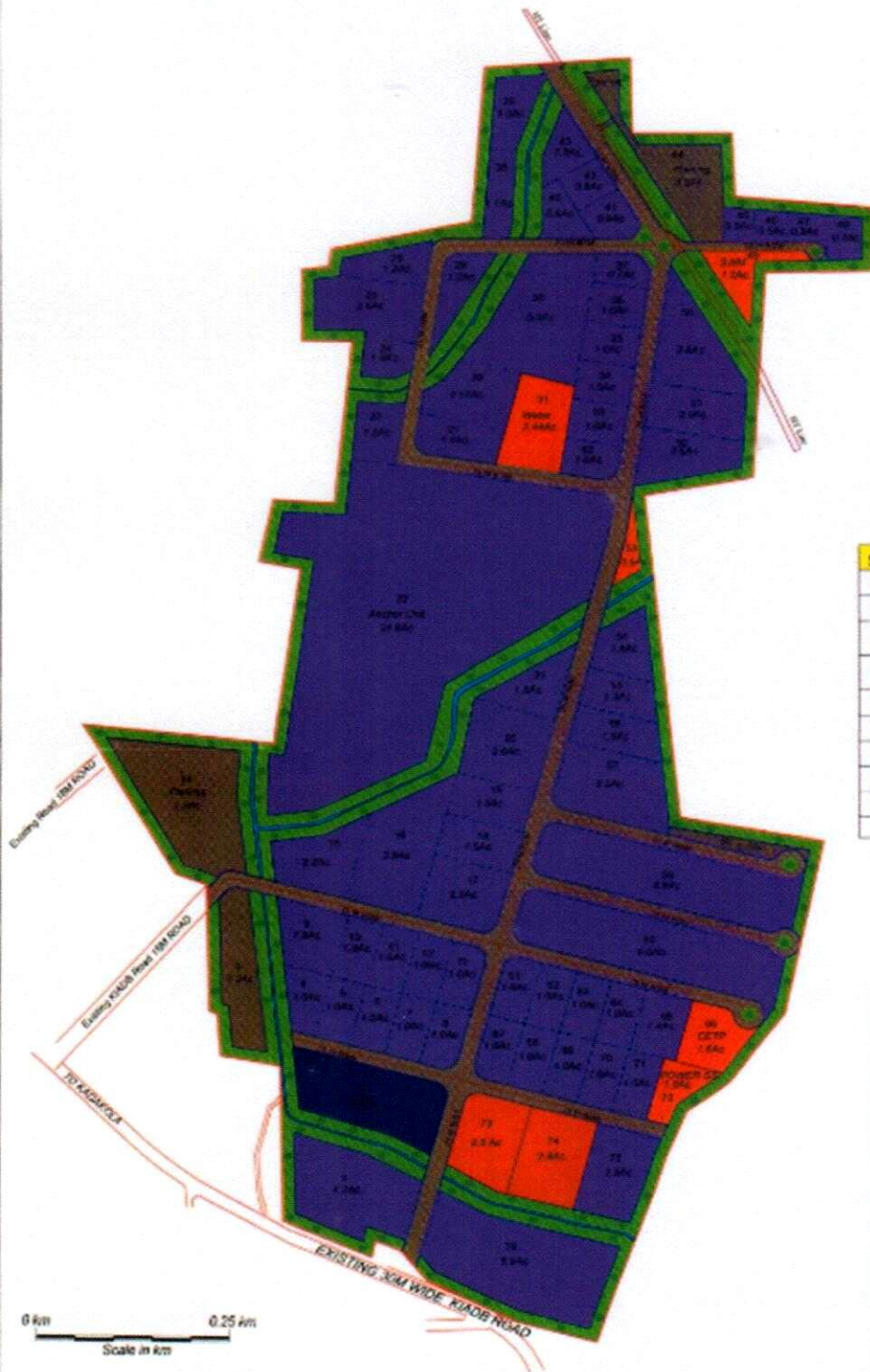
(Asha Nangia)

Group Coordinator and Scientist-G

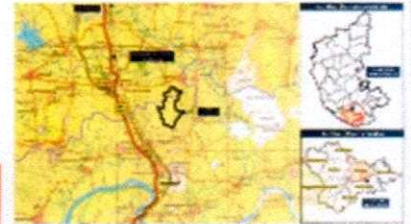
Ph: 011- 24369904

Approved layout of EMC project at Kochanahalli Industrial Area, Mysuru Taluka & District, Karnataka

KOCHANAHALLI INDUSTRIAL AREA, MYSURU TALUK & DISTRICT.



KEY MAP



S.No	Areas in Acre	No. of Plot
1	0.5	4
2	1.0	26
3	2	2
4	5	1
5	0.5 to 1.0	6
6	1.0 to 2.0	16
7	2.0 to 5.0	16
8	above 5	5
TOTAL		76

AS PER THE APPROVED LAYOUT PLAN

S.NO	DESCRIPTION	AREA (Ac)	%
1	PROJECT BOUNDARY	235.55	
2	INDUSTRIAL	140.01	59.4
3	COMMERCIAL (MANUFACTURING SUPPORT BLOCK)	4.19	1.8
4	AMENITY (ADMINISTRATIVE & HOTEL BLOCK)	5.32	2.3
5	UTILITY	6.76	2.9
6	PARK/BUFFER	39.79	16.8
7	PARKING	11.80	5.0
8	ROAD	25.82	11.0
9	WATER BODY	1.86	0.8
TOTAL		235.55	100.0

S.No	Width (m)	Length (m)
1	24	1467
2	23	3363
3	12	197
TOTAL		5027

DATE	NO.	REVISION	ISSUED	APPROVED	DATE
KARNATAKA INDUSTRIAL AREAS DEVELOPMENT BOARD BANGALORE					DATE OF ISSUE 23/03/2023
EPR FOR KOCHANAHALLI EMC IN KARNATAKA					DATE 03/07
MASTER PLAN - KOCHANAHALLI EMC					DRAWN APPROVED DATE
IAP Infra Engineering IAP Infrastructure Engineering Ltd. 1-13-29 TO 44, 9C, 9D, P.O. 200K, GUMMAKOTTA, BANGALORE KARNATAKA, INDIA HKT@IAPINFRA.COM TEL: 081-46-863444, 081-46-863443					PROJECT NO. 14/2023
PROJECT NO. F00501	SHEET NO. 14 OF 41	DATE 14/03/23			

AE	DDO	DO	JD (TOWN PLANNING)	CE & CDO	Chief Executive Officer & Executive Member KIADB, Bangalore
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Details of the units collectively titled as Anchor unit

S.No.	Company name	Product Category	Land Area Commitment Acres)	Investment Commitment Rs. in Cr.)	Employment Generation (No's)	Proposed Date of CoCP
i)	Wuerth Elektronik CBT India Pvt Ltd	PCB	18	141	280	12-15 months from date of allotment
ii)	Cyient DLM Limited	PCBA, Cable Harness and Box Builds	20	500	1,350	
iii)	KAYNES Circuit India Pvt. Limited	PCB	20	950	830	
		Total	58	1,591	2,490	

Amount: In Rupees

#	Name of Equipment /Machinery	Specification	Per Unit Cost	Quantity	Actual Amount	Amount against taxes/ duties/ contingency/ other provisions	Total Amount
A. Tool Room							
1	Hydraulic Press	C' Frame Type Hydraulic Power Press 100 TON	7,80,000.00	1	7,80,000.00	2,57,400.00	10,37,400
2	Vertical Milling Centre	Model J2 Vertical Milling Centre	46,98,690.00	1	46,98,690.00	15,50,567.70	62,49,258
3	Vertical Milling Centre	Model JV30 Neo	39,73,950.00	1	39,73,950.00	13,11,403.50	52,85,354
4	Turning Centre	Model JL 30 TL5	3,91,035.00	1	3,91,035.00	1,29,041.55	5,20,077
5	Turning Centre	Model Smart Mini master	19,35,600.00	1	19,35,600.00	6,38,748.00	25,74,348
6	Horizontal Turning & Turn mill Centre		46,09,155.00	1	46,09,155.00	15,21,021.15	61,30,176
7	Spark Erosion - EDM Machine (Model: S 50 CNC, Along With Standard Accessories)		22,00,000.00	1	22,00,000.00	7,26,000.00	29,26,000
8	CNC EDM Drill Machine Model: Speed III CNC, Along With Standard Accessories		22,00,000.00	1	22,00,000.00	7,26,000.00	29,26,000
9	High Precision WEDM M35 Mode : CNC Wire cut Machine M35B		1,25,00,000.00	1	1,25,00,000.00	41,25,000.00	1,66,25,000
10	Injection Moulding Machine (Model Excel 75-IU 300 or equivalent/higher)		29,75,700.00	1	29,75,700.00	9,81,981.00	39,57,681
11	Injection Moulding Machine (Model Excel 180-IU 950 or equivalent/higher)		39,08,100.00	1	39,08,100.00	12,89,673.00	51,97,773
12	Coordinates Measuring Machine (CMM)		55,16,140.00	1	55,16,140.00	18,20,326.20	73,36,466
13	Centre Lathe (With Accessories)		6,50,336.00	1	6,50,336.00	2,14,610.88	8,64,947
14	Profile Projector		10,50,720.00	1	10,50,720.00	3,46,737.60	13,97,458
15	Portable Surface Roughness Tester		5,73,150.00	1	5,73,150.00	1,89,139.50	7,62,290
16	Tool Makers Microscope		3,90,280.00	1	3,90,280.00	1,28,792.40	5,19,072
17	Hydraulic Surface Grinder	Model HSG8040	13,19,850.00	1	13,19,850.00	4,35,550.50	17,55,401
18	Hydraulic Cylinder Grinder	Model BMTU/1250/18 0/H	13,38,000.00	1	13,38,000.00	4,41,540.00	17,79,540
19	Milling Machines	Max Series PM-200	5,66,400.00	1	5,66,400.00	1,86,912.00	7,53,312
20	Milling Machine Accessories	Accessories	1,00,000.00	1	1,00,000.00	33,000.00	1,33,000
21	Mechanical Press	50 Ton, C Frame	5,20,000.00	1	5,20,000.00	1,71,600.00	6,91,600
22	Mechanical Press	50 Ton, H Frame	4,75,000.00	1	4,75,000.00	1,56,750.00	6,31,750
23	Radial drilling machine	Model Z3040X13	2,95,000.00	1	2,95,000.00	97,350.00	3,92,350
24	Radial drilling machine	Model Z3050 X 16/1"	9,40,000.00	1	9,40,000.00	3,10,200.00	12,50,200

#	Name of Equipment /Machinery	Specification	Per Unit Cost	Quantity	Actual Amount	Amount against taxes/ duties/ contingency/ other provisions	Total Amount
25	CAD Software + Computer	Autodesk AutoCAD 2016	5,54,600.00	2	11,09,200.00	3,66,036.00	14,75,236
26	Jig Boring	SIP 7A Jig Boring Tool Machine	25,00,000.00	1	25,00,000.00	8,25,000.00	33,25,000
27	Vernier Calliper (Mechanical without SPC output)	Range:O-200MM	3,790.00	5	18,950.00	6,253.50	25,204
28	Vernier Calliper (Mechanical without SPC output)	Range:O-300MM	8,300.00	5	41,500.00	13,695.00	55,195
29	Digimatic Calliper (Mechanical without SPC output)	Range: 0-200	11,300.00	5	56,500.00	18,645.00	75,145
30	Digimatic Calliper (Mechanical With SPC output)	Range: 0-300	24,900.00	5	1,24,500.00	41,085.00	1,65,585
31	Digimatic Calipers (Digital With SPC Output)	Range:0-200	13,150.00	5	65,750.00	21,697.50	87,448
32	Outside Micrometer (Mechanical)	Range: 0-25 MM	2,700.00	5	13,500.00	4,455.00	17,955
33	Outside Micrometer (Mechanical)	Range: 25-50 MM	3,480.00	5	17,400.00	5,742.00	23,142
34	Outside Micrometer (Mechanical)	Range: 50-75 MM	4,050.00	5	20,250.00	6,682.50	26,933
35	Outside Micrometer (Mechanical)	Range: 75-100 MM	4,450.00	5	22,250.00	7,342.50	29,593
36	Digimatic Micrometer- IP 65 (Digital)	Range: 0-25 mm	14,200.00	5	71,000.00	23,430.00	94,430
37	Digimatic Micrometer- IP 65 (Digital)	Range: 25-50 mm	16,150.00	5	80,750.00	26,647.50	1,07,398
38	Digimatic Micrometer- IP 65 (Digital)	Range: 50-75 mm	18,600.00	5	93,000.00	30,690.00	1,23,690
39	Digimatic Micrometer- IP 65 (Digital)	Range: 75-100 mm	19,000.00	5	95,000.00	31,350.00	1,26,350
40	Bore Gauge (With Dial Indicator)	Range: 18-35 mm	16,800.00	5	84,000.00	27,720.00	1,11,720
41	Bore Gauge (With Dial Indicator)	Range: 35-60 mm	17,280.00	5	86,400.00	28,512.00	1,14,912
42	Bore Gauge (With Dial Indicator)	Range: 50-150 MM	18,400.00	5	92,000.00	30,360.00	1,22,360
43	Bore Gauge (With Dial Indicator)	Range: 6 -10 mm	14,860.00	5	74,300.00	24,519.00	98,819
44	Bore Gauge (With Dial Indicator)	Range: Lo - 18.5 mm	16,000.00	5	80,000.00	26,400.00	1,06,400
45	Digimatic Depth Gauge (Digital)	Range: 0-200 mm	27,410.00	5	1,37,050.00	45,226.50	1,82,277
46	Dial Depth Gauge (Mechanical)	Range : 0-200 mm	10,360.00	5	51,800.00	17,094.00	68,894
47	Thickness Gauge (Leaves: 28)	Range: 0.05 L mm, Model 184-303S	3,620.00	5	18,100.00	5,973.00	24,073
48	Thread Gauge Set		1,03,560.00	5	5,17,800.00	1,70,874.00	6,88,674
49	Digimatic Height Gauge (mm)	Range: 0-300 mm	61,700.00	1	61,700.00	20,361.00	82,061
50	Digimatic Height Gauge (mm)	Range: 0-600 mm	86,400.00	1	86,400.00	28,512.00	1,14,912
51	Granite Plate (Size: 1000x750x150 mm, Grade: (O))		89,780.00	1	89,780.00	29,627.40	1,19,407
52	Drop Prevention Stand/ Block Set 122	1000x750 Gauge	1,18,200.00	2	2,36,400.00	78,012.00	3,14,412
53	Pcs/Set, Grade: O (Steel)		2,96,890.00	1	2,96,890.00	97,973.70	3,94,864
54	Comparator Stand (Cast Iron) Size: 110x110 mm		37,080.00	2	74,160.00	24,472.80	98,633

#	Name of Equipment /Machinery	Specification	Per Unit Cost	Quantity	Actual Amount	Amount against taxes/ duties/ contingency/ other provisions	Total Amount
55	Comparator Stand (Cast Iron) Size: 150x150 mm		47,440.00	2	94,880.00	31,310.40	1,26,190
56	Dial Indicator Range:Lo mm, Rev: L mm	Model 2046A	2,480.00	5	12,400.00	4,092.00	16,492
57	Dial Indicator Range : L mm, Rev: 0.2 mm	Model 2109A-10	5,220.00	5	26,100.00	8,613.00	34,713
58	Dial Test Indicator Range: 0.8 mm	Model 513-404-I OT	6,020.00	6	36,120.00	11,919.60	48,040
59	Magnetic Stand M/F: Approx Goon	Model 7010S-10	1,870.00	6	11,220.00	3,702.60	14,923
60	Magnetic V-Block Set		7,500.00	3	22,500.00	7,425.00	29,925
61	Universal Bevel Protractor Blade Length: 150, 300mm		17,100.00	2	34,200.00	11,286.00	45,486
62	Installation of Tool equipment's as mentioned at S. No. 21 to 55		20,000.00	4	80,000.00	26,400.00	1,06,400
Total (A)					6,05,40,856	1,99,78,482	8,05,19,338

B. Comprehensive Electrical tests for EV Batteries

1	Comprehensive electrical tests for EV Batteries to international standards- Battery characterization, charge/discharge cycling, capacity and impedance tests, cycle life (simulated drive usage profile), Over charge and discharge protection, external short-circuiting protection, Over temperature protection, Over current protection, BMS Simulation and monitoring	Regenerative 3 Phase Grid Simulator with 4Q AC load option- 100KW/230k VA, Ideal for Regulation Testing Standards: UL 1741 SA, IEEE 1547, IEC 62116, IEC 61000-4-11with comprehensive Battery test solution along with software	6,91,75,000	1	6,91,75,000	2,28,27,750	9,20,02,750
2	Shock test system (For Cell)		90,30,000	1	90,30,000	29,79,900	1,20,09,900
3	Drop Test System (For Cell)		37,50,000	1	37,50,000	12,37,500	49,87,500
4	Impact Test System (For Cell)		39,50,000	1	39,50,000	13,03,500	52,53,500
Total (B)					8,59,05,000	2,83,48,650	11,42,53,650

C. Test and Validation Centre

1	General Test Bench (PXIe-1090, Integrated Thunderbolt Control, 2-Slot PXI Express Chassis Power Cord, 250V, 10A, India Thunderbolt 3 Type-C Cable, Passive 20 Gbps, 5A, 2m Thunderbolt 3 Type-C Cable, Passive 40 Gbps, 5A, 0.8m PXIe-4081 High-Performance 7 1/2 Digit DMM and 1000 V Digitizer PXIe-5171 PXI Oscilloscope, 250 MHz, 14 bits, 250 MS/s, 8 Channels, 1.5 GB SCB-19 Noise Rejecting, Shielded Aux I/O Connector Block SHH19-MH19-AUX Shielded Single-Ended Cable, 1M Standard Service Program For Pxi Systems For 3 Years)		32,09,088.00	1	32,09,088.00	8,98,545*	41,07,633
2	Test System with SMU, LCR Meter and Programmable Power		57,94,451.00	1	57,94,451.00		74,16,897

#	Name of Equipment /Machinery	Specification	Per Unit Cost	Quantity	Actual Amount	Amount against taxes/ duties/ contingency/ other provisions	Total Amount
	(NI PXIe-1083, 5 Slot Integrated MXIe Chassis Power Cord, 250V, 10A, India Thunderbolt 3 Type-C Cable, Passive 20 Gbps, 5A, 2m Thunderbolt 3 Type-C Cable, Passive 40 Gbps, 5A, 0.8m NI PXIe-4113 2 Channel Power Supply, 10V, 6A Power Cord, AC, U.S., 120 VAC, 2.3 meters NI PXIe-4145 4-channel Precision SMU: 6V, 500mA 2 MHz LCR Meter and Source Measure Unit, +/- 40 V SHDB13W6-4BNM, Low Noise DSUB to BNC Cable for LCR Meter, 1 M RMX-4124 1U DC power supply, 1500W, 0 to 30VDC, 0 to 150A RMX-4125 1U DC power supply, 1500W, 0 to 80VDC, 0 to 56A STANDARD SERVICE PROGRAM FOR PXI SYSTEMS FOR 3 YEARS)					16,22,446	
3	Automotive Electronics Testing including CAN Bus NI PXIe-1083, 5 Slot Integrated MXIe Chassis Power Cord, 250V, 10A, India Thunderbolt 3 Type-C Cable, Passive 20 Gbps, 5A, 2m Thunderbolt 3 Type-C Cable, Passive 40 Gbps, 5A, 0.8m NI PXI-8512, CAN Interface, High-Speed/FD, 2 Port NI CAN Cable, No Term, High-Speed/FD/Low-Speed, D-Sub 9-Pin F, 1m NI CAN Cable, No Term, High-Speed/FD/Low-Speed, D-Sub 9-Pin F, 1m Ballard MIL-STD-1553 - 2 Channel (Multi-Function) LFH Connector to Four MIL-STD-1553 Twinax and One D-Sub, 3' PXI-6602 Counter/Timer and NI-DAQ for Windows XP/2000/NT/9x, Mac with eight 32-bit counters BNC-2121 Connector Block SH68-68-D1 Shielded Cable, 2 m PXI-8432/4, 2000V Isolated RS232, 4 Port Serial Interface PXI-8433/4, 2000V Isolated RS422/485, 4 Port Serial Interface STANDARD SERVICE PROGRAM FOR PXI SYSTEMS FOR 3 YEARS		36,69,394.00	1	36,69,394.00	10,27,430	46,96,824
4	Multi I/O Automated Testing PXIe-8822, 2.4 GHz Quad-Core i3 Controller, Windows 10 64-bit, TPM NI PXIe-6363, X Series DAQ (32 AI, 48 DIO, 4 AO) SCB-68A Noise Rejecting, Shielded I/O Connector Block SCB-68A Noise Rejecting, Shielded I/O Connector Block SHC68-68-EPM Shielded Cable, 68-D-Type to 68 VHDCI Offset, 2 m SHC68-68-EPM Shielded Cable, 68-D-		53,58,789.00	1	53,58,789.00	15,00,461	68,59,250

#	Name of Equipment /Machinery	Specification	Per Unit Cost	Quantity	Actual Amount	Amount against taxes/ duties/ contingency/ other provisions	Total Amount
	Type to 68 VHDCI Offset, 2 m PXIe-4492, 24-Bit, 204.8 KS/S,8 Input, 2 Gain, TEDS, AC/DC,Coupled InfiniBand to BNC Cable, AI0-7 for PXIe-4492 NI PXIe-4303 +/-10V,32-Ch, 24-bit, 51.2kS/s/ Voltage Input Module TB-4302, Front mount terminal block for PXIe-4302/3 PXIe-4331 8-Ch Bridge Analog Input, 102.4kS/s NI TB-4330 Terminal Block for PXIe-4330 PXIe-4353 32-Ch Thermocouple Input NI TB-4353 Isothermal Terminal Block for PXIe-4353 NI PXIe-4357 RTD Input Module NI TB-4357 Terminal Block Accessory for PXIe-4357 PXIe-1092, 9-Slot 3U PXI Express Chassis with Timing and Synchronization Option Power Cord, 250V, 10A, India STANDARD SERVICE PROGRAM FOR PXI SYSTEMS FOR 3 YEARS						
5	RF Testing NI PXIe-5654 20 GHz Signal Generator with Amp. Extender; fast switch SMA Male to SMA Male Cable, 50 Ohm, 12.7 cm PXIe-5663E, 6.6 GHz PXI Vector Signal Analyzer PXIe-8861, 2.8 GHz Quad Core Controller, Win 10 64-bit (Multilanguage), w/o TPM 8 GB DDR4-2133 SO-DIMM RAM, non-ECC NI PXIe-1085, 18-Slot 3U PXI Express Chassis, 24 GB/s System BW Power Cord, 250V, 10A, India NI PXIe-2544 6.6 GHz 50 Ohm Solid State 8x1 Multiplexer STANDARD SERVICE PROGRAM FOR PXI SYSTEMS FOR 3 YEARS NI GPIB-USB-HS+, with NI-488.2 Software for Windows NI GPIB-USB-HS,with NI-488.2 Software For Windows 7/Vista/XP LabVIEW Professional Development System, Windows, All Languages, 3 year Subscription License, with Media Test Workflow Pro, Subscription License, With Media. FlexLogger, Subscription License, With Media.		2,28,81,100.00	1	2,28,81,100.00	64,06,708	2,92,87,808
6	PCs/ Laptops, and Printers, Monitors		20,00,000.00	LS	20,00,000.00	5,60,000	25,60,000
Total(C)					4,29,12,822	1,20,15,590	5,49,28,412
Grand Total (A+B+C)					18,93,58,678	6,03,42,722	24,97,01,400