



D) Engineering Department

Engineering Section Works basically for:

- 1) Construction of new projects such as Export Facility Centers, Flower Export Facility Center and Modern Markets for Fruits and vegetables. Also for regular maintenance of existing Export Facility Centers.
- 2) Scrutiny of loan proposals received from all APMCs which are working for their developmental works. These developmental works includes for basic infrastructure which are non productive types such as development of APMC area, Compound Wall, Gutter , Roads, Canteen, Farmers Rest House and productive works such as Godowns, Cold Storages, Cattle Markets etc.
- 3) Scrutiny of construction proposals received from all APMCs under Section 12(1).

Works carried out by engineering section in reported year is as given below;

- A) MSAMB has done the following facility works which includes Grading- Packing Hall, Precooling, Cold Storage, Ripening Chambers etc. during this reporting year.
1. Export Facility Center for Mango at Jalna, Dist. Jalna.
 2. Export Facility Center for Alphanso Mango at Nachane, Dist. Ratnagiri.
 3. Export Facility Center for Alphanso Mango at Jamsande, Dist. Sindhudurg.
 4. Export Facility Center for Banana at Basmat, Dist. Hingoli.
 5. Export Facility Center for Banana at Savda, Dist. Jalgaon.
 6. Export Facility Center for Orange at Karanja , Dist. Wardha.
 7. Export Facility Center for Agriculture Produce at Indapur, Dist. Pune .
 8. Ice making Cold Storage at Indapur , Dist. Pune.
 9. Export Facility Center for Keshar Mango at Latur, Dist. Latur.
 10. Export Facility Center for Pomegranate at Baramati, Dist. Pune.
 11. Export Facility Center for Onion, Grapes and Pomegranate at Kalvan, Dist. Nashik.

During the above mentioned reporting year for all the above Facility Center the maintenance work is carried out throughout the year.

B) With the Aids from APEDA, New Delhi and subsidy from RKVY scheme, the Marketing Board constructed the various facilities. For the construction of these facilities, the Marketing Board received the subsidy of about 75% of the Project Cost. Following Facility Centers are constructed during the Reporting Year.

I) Export Facility Centers:

- i) Irradiation Project at Vashi, Navi Mumbai. (RKVY+ APEDA)
 - Radiation Source : Cobalt 60 source with the intensity of 300 Kg. Curie. Radiation Unit- for mango 5 MT per hour, Pre-cooling Unit – 1no. with capacity of 5 MT per cycle of 6 hour, Cold Storage Unit – 4 units of 25 MTs per day, Radiation processing



hall of about 8200 sq. ft., Pre-cooling, cold storage, processing hall of about 4600 sq.ft.

- Sanctioned Tender Cost Rs.2936.01 lakhs.
 - The project is in final stage.
- ii) Export Facility Center for Fruits and Vegetables at Khadke Wake, District – Ahmednagar. (RKVY)
- Government handed over the land to Pravara Santha at Khadke Wake, Taluka-Rahata, Dist- Ahmednagar, bearing S.No.416. The total land is about 13.02 ha. Out of this for this project 5 acre is handed over. The project includes the following components – Pre-cooling Unit – 1 No. with the capacity of 5 MT. per cycle of 6 hours, Cold Storage Unit- 2 nos. of 50 MT. and 2 Nos. of 25 MT. with a Grading – packing hall, plant machinery and site development activity.
 - Sanctioned Tender Cost Rs.646.63 lakhs.
 - The project is in final stage.
- iii) Export Facility Center for Keshar Mango at Beed, Dist-Beed. (RKVY)
- APMC, Beed handed over the land within the premises for the construction of this project.
 - The project includes the following components – Pre-cooling Unit – 1 No. with the capacity of 5 MT. per cycle of 6 hours, Cold Storage Unit- 2 Nos. of 25 MT., Ripening Unit- 1 no. of 25 MT per cycle with a Grading – packing hall, plant machinery and site development activity.
 - Sanctioned Tender Cost Rs. 549.44 lakhs.
 - The project is in final stage.
- iv) Export Facility Center for Banana at Indapur, Dist-Pune. (RKVY)
- APMC, Indapur handed over the land within the premises for the construction of this project, this project also include the Farm Packhouse at Akluj, Dist-Solapur and Walchandnagar, Dist-Pune.
 - The project includes the following components – Pre-cooling Unit – 1 No. with the capacity of 5 MT. per cycle of 6 hours, Cold Storage Unit- 2 Nos. of 25 MT., Ripening Unit- 1 no. of 25 MT per cycle with a Grading – packing hall, plant machinery and site development activity.
 - Sanctioned Tender Cost Rs. 809.78 lakhs.
 - The project is in final stage.
- v) Export Facility Center for Pomogranate at Atpadi, Dist-Sangli. (RKVY)
- APMC, Atpadi handed over the land bearing Gut No.37145 within the premises for the construction of this project.
 - The project includes the following components – Pre-cooling Unit – 1 No. with the capacity of 5 MT. per cycle of 6 hours, Cold Storage Unit- 2 Nos. of 25 MT., Ripening Unit- 1 no. of 25 MT per cycle with a Grading – packing hall, plant machinery and site development activity.
 - Sanctioned Tender Cost Rs. 512.47 lakhs.
 - The project is in final stage.



vi) Export Facility Center for Onion, Pomegranate and Grapes at Chandwad, Dist-Nashik. (APEDA)

- APMC, Chandwad handed over the within the premises for the construction of this project.
- The project includes the following components – Pre-cooling Unit – 1 No. with the capacity of 5 MT. per cycle of 6 hours, Cold Storage Unit- 2 Nos. of 25 MT., Ripening Unit- 1 no. of 25 MT per cycle with a Grading – packing hall, plant machinery and site development activity with Onion Storage Structures – 10 nos. with a capacity of 50 MTs each.
- Sanctioned Tender Cost Rs. 730.34 lakhs.
- The project is in final stage.

v) Orange Export Facility Centre, Warud, Dist.- Amaravati (RKVY)

- Land made available by Dr. Panjabrao Deshmukh Krushi Prakriya Sanstha at MIDC, Warud for the construction of this project.
- The project includes the following components – Pre-cooling Unit – 1 No. with the capacity of 5 MT per cycle of 6 hours, Cold Storage Unit- 1 Nos. of 25 MT., Grading – packing hall with 2 MT per 1 hour Capacity , plant machinery, Staff Quarter, Road and site development activity
- E-Tender procedure is in progress.

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II) Export Facility Centers for Flowers:

i) Project at Mohadi, Dist-Nasik. (RKVY)

- APMC, Dindori handed over the land bearing Gut No.1286, of about 2 acre for the construction of this facility.
- The project includes the following components – Pre-cooling Unit – 2 No. with the capacity of 5 MT. per cycle of 6 hours, Cold Storage Unit- 4 Nos. of 25 MT., Grading – packing hall, plant machinery and site development activity
- Sanctioned Tender Cost Rs. 554.77 lakhs.
- The project is in final stage.

ii) Project at Talegaon Dabhade, Dist-Pune. (APEDA)

- MIDC, Talegaon Dabhade handed over the land of about 2 acre for the construction of this facility.
- The project includes the following components – Pre-cooling Unit – 2 No. with the capacity of 5 MT. per cycle of 6 hours, Cold Storage Unit- 4 Nos. of 25 MT., Grading – packing hall, plant machinery and site development activity
- Sanctioned Tender Cost Rs. 716.00 lakhs.
- The project is in final stage.

iii) Project at Satara (RKVY)

- Ajinkyatara Shetkari Sahakari Phale, Phule Va Bhajipala Kharedi Vikri Sanstha, Satara made available the Land at MIDC, Satara and handed over the land for the construction of this facility.



- The project includes the following components – Pre-cooling Unit – 2 No. with the capacity of 5 MT per cycle of 6 hours, Cold Storage Unit- 4 Nos. of 25 MT., Grading – packing hall, plant machinery and site development activity
- E-Tender procedure is in progress.

III) Modern Market Facility Centers for Fruits and Vegetables :

- This project is under development at 20 various places in the State of Maharashtra.
- The project includes the following components – Pre-cooling Unit – 1 No. with the capacity of 5 MT. per cycle of 6 hours, Cold Storage Unit- 1 Nos. of 25 MT., Grading – packing hall, plant machinery, Shops – 3 nos. and site development activity
- The land is handed over by concerned APMC / Co-operative Society correspondingly.

(Rs. In Lakhs)

Sr. No.	Place of project	Project Cost	Current Status of Work
1	Ghansavangi	302.30	Civil Work with internal electrification work is completed. Machinery installation work is in progress.
2	Kalmanuri	285.48	Load Test completed on DG Set. MCEDCL external electrification work incomplete.
3	Karmad	284.21	Machinery installation work is in progress.
4	Rajgurunagar	301.35	Load Test completed on DG Set. MCEDCL external electrification work incomplete.
5	Masoor	305.27	Load Test completed on DG Set. MCEDCL external electrification work incomplete.
6	Majalgaon	277.13	Load Test completed on DG Set. Compound wall work stopped.
7	Ardhapur	289.97	Load Test completed on DG Set. MCEDCL external electrification work incomplete.
8	Yaval	291.04	Load Test completed on DG Set. MCEDCL external electrification work incomplete.
9	Wardha	299.06	Civil work and Machinery installation work is in progress
10	Chandur Railway	285.78	Load Test completed on DG Set. MCEDCL external electrification work incomplete.
11	Loni	279.99	Civil work and Machinery installation work is in progress
12	Shirpur	283.58	Load Test completed on DG Set. MCEDCL external electrification work incomplete.
13	Dewulgaon Raja	297.57	Load Test completed on DG Set. MCEDCL external electrification work incomplete.
14	Bhivapur	298.01	Load Test completed on DG Set. MCEDCL external electrification work incomplete.
15	Palghar	295.00	Civil work and Machinery installation work is in progress.



Sr. No.	Place of project	Project Cost	Current Status of Work
16	Thangaon	295.22	Load Test completed on DG Set. MCEDCL external electrification work incomplete.
17	Mohadi	297.03	Load Test completed on DG Set. MCEDCL external electrification work incomplete.
18	Talsande	303.06	Load Test completed on DG Set. MCEDCL external electrification work incomplete.
19	Barshi	295.36	Load Test completed on DG Set. MCEDCL external electrification work incomplete.
20	Mhaswad	00	e-tender in progress

C) Development of Marketing Infrastructures in the APMCs of Left Wing Extremists Activities affected Districts

The objectives of this project are as follows:

- ✓ Projects will benefit by way of giving financial empowerment to tribal farmers of Left Wing Extremist Affected districts.
- ✓ Financial stability will demotivate Extremist Movement.
- ✓ Will enable the markets to handle peak arrival of produce efficiently.
- ✓ Increased operational efficiency will bring about reductions in marketing costs.
- ✓ Projects will also improve hygiene and sanitary conditions in the market yard which will reduce the undue wastage of agricultural produce.

In the first stage the following 11 APMCs main market and some of their sub-markets from the Gadchiroli, Chandrapur and Gondia Districts are covered ;

Sr.	District	Name of the	Sanctioned Cost	Sanctioned Subsidy Amount	Expenditure	RKVY Subsidy Amount
1	Gadchiroli	Chamorshi, Aheri	1208.31	923.31	805.82	498.06
2	Gondia	Gondia, Goregaon, Amgaon, Tiroda and Arjuni Morgaon	1912.76	1434.57	1404.67	1045.69
3	Chandrapur	Pobhurna, Savli, Sindevahi & Korpana	838.34	628.76	530.07	392.46

D) Proposed Terminal Market at Mumbai

The Government land of about 36.75 ha. At Bapgaon, Tal- Bhivandi, Dist-Thane, is taken in possession and the joint measurement is also completed and the remaining land of about 13.50 ha. is to be handed over by Government to MSAMB. The proposal for the handing over of the land and changing the zone of the same land is sent to the State Government and continuously persuade with concerned Department of State Government.



E) Repairs of Primary Agriculture Co-operative Society Godams under RKVY

- For the implementation of this programme, MSAMB is appointed as a Nodal Agency.
- Under the RKVY scheme year 2009-10 unspent balance The PACS godams from the following Districts are proposed for repairs – Ratnagiri – 55, Bhandara – 17, Gadchiroli- 4, Pune – 2, and Satara-3, in total 81 godams are under improvement under this scheme. After completing the repair work a capacity of 10884 is created which costs about Rs.253.67 lakhs out of which Rs.180.45 lakhs has been utilised.

F) Works related with Civil Engineering carried out by APMCs

- During the reporting year, Engineering Department has scrutinized the loan proposals and also carried out the technical scrutiny of the proposals.
 - a) **Loan proposals / Utilization Certificates –**
 - (1) Pombhurna, Dist.-Chandrapur, (2) Arjuni Morgaon, Dist.- Gondia, (3) Mangrulpir, Dist.- Washim, (4) Partur, Dist.- Jalna, (5) Vasmat, Dist.- Hingoli, (6) Ghansawangi, Dist.- Jalna, (7) Parbhani, Dist.- Parbhani, (8) Ambad, Dist.- Jalna, (9) Mangaon, Dist.- Raigad, (10) Malegaon, Dist.- Washim, (11) Lonand, Dist.- Satara, (12) Ghansawangi, Dist.- Jalna, (13) Mandhal, Dist.- Nagpur, (14) Ramtek, Dist.- Nagpur, (15) Chopda, Dist.- Jalgaon, (16) Shrigonda, Dist.- Ahmednagar, (17) Chamorshi, Dist.- Gadchiroli, (18) Ratnagiri, (19) Vasmat, Dist.- Hingoli, (20) Sangrampur, Dist.- Buldana, (21) Palam, Dist.- Parbhani, (22) Pandharpur, Dist.- Solapur, (23) Sawali, Dist.- Chandrapur
 - b) **Technical Scrutiny –**
 - 1) Parshivani, Dist.- Nagpur, (2) Patur, Dist.- Akola, (3) 40 Gaon, Dist.- Jalgaon, (4) Kalamb, Dist.- Yavatmal, (5) Pusad, Dist.- Yavatmal, (6) Malegaon, Dist.- Washim, (7) Patur, Dist.- Akola, (8) Lonand, Dist.- Satara, (9) Shrigonda, Dist.- Ahmednagar, (10) Chopda, Dist.- Jalgaon, (11) Pandharpur, Dist.- Solapur.

G) Sanction of various developmental works of the various APMCs under Section 12 (1).

- By the order of Government Co-operative Marketing and Textile Department, Government Order No. KPA-0611/P.K. 172/21-S, dated – 5th of September 2011, the power of giving sanction to the proposals of developmental works carried out by APMCs under Section 12(1) has been given to General Manager of MSAMB, Pune. The work is accordingly carried out from December 2011 regularly.

H) Related Civil works of Head Office Building, Pune & Other Work :-

- Maintenance and repairs of office building i. e. Elevators, Electrification, Air conditioners, Plumbing Arrangement, Furniture and Diesel Genset etc.
- The renovation work of Division Office at Nashik is to be carried out and accordingly the appointment of Architect and also the preparation of estimate is over and Tender procedure is in progress.