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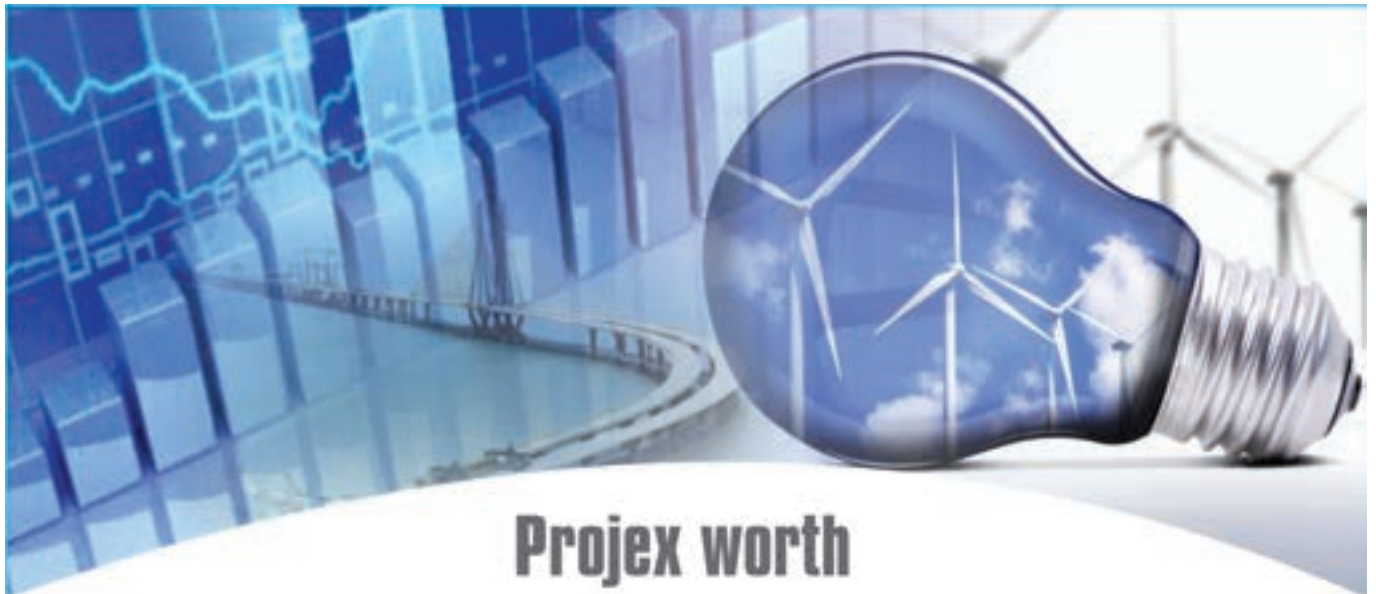
Twinstar Display Technologies plans to set up a LCD panels manufacturing unit in Maharashtra; Parvati Sweetners & Power's sugar capacity expansion project in Gwalior district and 58 more business opportunities inside...

60
Business Leads
Every Week

INTERVIEW

Shabbir Kanchwala,
Senior Vice President,
K Raheja Corp

The central graphic features a large yellow circle with the number "60" in black, and the text "Business Leads Every Week" below it. The background of the page is a collage of various project-related images, including a blue crane, a red and white ship, an electrical substation, a blue train, a road construction site, a wind turbine, a truck, solar panels, a highway, a train, and a lighthouse.



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PR  **JECTS**
T  **ODAY**

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NEW PROJECTS

Dairy Products / Sugar / Dyes & Dyestuffs / Alcohols & Derivatives / Polymers (Thermoplastic, Resins)

MILK PROCESSING (KOLKATA)

1

Promoter: Gujarat Co-op. Milk Mktg. Fedn. Ltd.

Cost: 200.00 (₹Crore)

Industry: Dairy Products

Completion: October, 2016

Location: Kolkata, West Bengal

Gujarat Co-op. Milk Mktg. Fedn. plans to set up a milk processing unit in Kolkata district of West Bengal. Work to commence by January 2017.

Contact: Gujarat Co-op. Milk Mktg. Fedn. Ltd., Post Box 10, Amul Dairy Road, Anand, Gujarat 388001. Tel: (02692)-258506/ 258507. Email: gcmmf@amul.coop

SUGAR - EXPANSION (GWALIOR)

2

Promoter: Parvati Sweetners & Power Ltd.

Cost: NA

Industry: Sugar

Completion: NA

Location: Gwalior, Madhya Pradesh

Parvati Sweetners & Power plans to expand sugar capacity from 2,500 tccpd to 4,500 tccpd in Gwalior district of Madhya Pradesh. Paper work underway.

Contact: Parvati Sweetners & Power Ltd., 202, Naroli Arcade, 19/7, Manorama Gunj, Palasia Square, Indore, Madhya Pradesh 452010. Tel: (0731)-4257864

MASTERBATCHES (HOWRAH)

3

Promoter: Plastiblends India Ltd.

Cost: NA

Industry: Dyes & Dyestuffs

Completion: June, 2017

Location: Howrah, West Bengal

Plastiblends India plans to set up a masterbatches unit with a capacity of 1 lakh tpa in Howrah district of West Bengal. Work to commence by June 2016.

Contact: Plastiblends India Ltd., 'Kolsite House', 31, Shah Industrial Estate, Off. Veera Desai Road, Mumbai Suburban, Maharashtra 400053. Tel: (022)-66952694/ 95/ 98, Fax: 26736808. Email: pbi@kolsitegroup.com

MOLASSES BASED DISTILLERY (KOTNISNAGAR)

4

Promoter: Jai Hind Sugar Pvt. Ltd.

Cost: NA

Industry: Alcohols & Derivatives

Completion: NA

Location: Solapur, Maharashtra

Jai Hind Sugar plans to set up a molasses based distillery unit with a capacity of 45 klpd at Kotnisnagar in Solapur district of Maharashtra. Work to commence by May 2016.

Contact: Jai Hind Sugar Pvt. Ltd., 773/3, Pradyumna Apartments, Lane 9, Bhandarkar Road, Pune, Maharashtra. Tel: (020)-25679011/ 99

RESINS (KADI)

5

Promoter: Cedar Decor Pvt. Ltd.

Cost: 20.00 (₹Crore)

Industry: Polymers (Thermoplastic, Resins)

Completion: NA

Location: Mahesana, Gujarat

Cedar Decor plans to set up a resins unit with a capacity of 800 tpm at Kadi in Mahesana district of Gujarat. Work to commence by January 2017.

Contact: Cedar Decor Pvt. Ltd., F-2, Shapat I Building, opp Rajpath Club, Sarkhej, Gandhinagar Highway, Ahmedabad, Gujarat 380015. Tel: (079)-26871295/ 1298, Fax: 26878890

RESINS (MEGHPAR BORICHI)

6

Promoter: CLS Industries Pvt. Ltd.

Cost: NA

Industry: Polymers (Thermoplastic, Resins)

Completion: NA

Location: Kachchh, Gujarat

CLS Industries plans to set up a resins unit with a capacity of 150 tpm at Meghpar Borichi village, Anjar taluka in Kachchh district of Gujarat. Work to commence by August 2016.

Contact: CLS Industries Pvt. Ltd., 120, 1st Floor, Rishabh Corner, Plot No.93, Sector-8, Gandhidham, Kachchh, Gujarat 370201. Tel: (02836)-226058/ 226059

*Cost: ₹Crore, NA: Not Available

NEW PROJECTS

Polymers (Thermoplastic, Resins) / Electronics / Power

RESINS (PADANA)

7

Resins (Padana)

Promoter: Woodman Ply

Cost: NA

Industry: Polymers (Thermoplastic, Resins)

Completion: NA

Location: Kachchh, Gujarat

Woodman Ply plans to set up a resins unit with a capacity of 150 tpm at Padana village, Gandhidham taluka in Kachchh district of Gujarat. Work to commence by July 2016.

Contact: Woodman Ply, Survey No.106, NH-8A, Padana Village, Gandhidham, Kachchh, Gujarat 370201. Tel: 09978080808/ 09909035105

LCD PANELS (MAHARASHTRA)

8

Promoter: Twinstar Display Technologies Ltd.

Cost: 1,000.00 (₹Crore)

Industry: Electronics

Completion: NA

Location: Maharashtra

Twinstar Display Technologies plans to set up a LCD panels manufacturing unit either at Pune or Nagpur in Maharashtra. Work to commence by October 2016.

Contact: Twinstar Display Technologies Ltd., 4th Floor, Godrej Millenium, Koregaon Road 9, Pune, Maharashtra 411001. Tel: (020)-30514000. Fax: 26138083. Email: communications@sterlite.com

IDUKKI HYDEL ELECTRIC - MODERNISATION

9

Promoter: Kerala State Electricity Board

Cost: NA

Industry: Hydel Based Power

Completion: October, 2019

Location: Idukki, Kerala

The project envisages renovation and modernisation of 1st stage machines for 390 MW (3x130 MW) Idukki hydel electric power project in Kerala. Bids have been invited and the tendering process is underway.

Contact: Kerala State Electricity Board, Vaidyuthi Bhavanam, Pattom, Thiruvananthapuram, Kerala 695004. Tel: (0471)-2555030/ 2514520/ 28/ 447/ 2447404/ 25, Fax: 2447672

COAL BASED POWER (SEONI)

10

Promoter: Visa Power Ltd.

Cost: NA

Industry: Coal/Lignite Based Power

Completion: NA

Location: Seoni, Madhya Pradesh

Visa Power plans to set up a 1,320 MW (2 x 660 MW) coal based power unit in Seoni district of Madhya Pradesh. Awaiting necessary clearance.

Contact: Visa Power Ltd., VISA House, 8/10 Alipore Road, Kolkata, West Bengal 700027. Tel: (033)-30119000, Fax: 30119002

SOLAR PHOTOVOLTAIC POWER (CHHARRAH)

11

Promoter: West Bengal State Electricity Distribution Co. Ltd

Cost: 60.75 (₹Crore)

Industry: Solar based Power

Completion: NA

Location: Purulia, West Bengal

The project envisages setting up a 10 MWp solar photovoltaic based power unit at Chharrah in Purulia district of West Bengal. Bids have been invited and the tendering process is underway.

Contact: West Bengal State Electricity Distribution Co. Ltd., PIDD, Vidyut Bhawan, 5th Floor, B-Block, Kolkata, West Bengal. Tel: (033)-23345853/ 23345821, Fax: 23212584

FRESH PROJEX BY MAJOR SECTORS - MARCH 2016

Sectors	Projects	₹Crore	Share (%)
Manufacturing	58	4,153	8.75
Mining	34	121	0.25
Electricity	18	30,009	63.23
Services & Utilities	504	13,147	27.70
Irrigation	2	32	0.07
All Sectors	616	47,462	100.00

SOLAR PHOTOVOLTAIC POWER (KARNAL)

12

Promoter: Puri Oil Mills Ltd.

Cost: NA

Industry: Solar based Power

Completion: NA

Location: Karnal, Haryana

Puri Oil Mills plans to set up a canal-based solar photovoltaic power unit in Karnal district of Haryana. Work to commence by October 2016.

Contact: Puri Oil Mills Ltd., 302, Jyotishekhar, District Centre, Janakpuri, Delhi 110058. Tel: (011)-64300125/ 140. Email: info@purioilmills.com

SOLAR PHOTOVOLTAIC POWER (YSR)

13

Promoter: Indian Oil Corpn. Ltd.

Cost: NA

Industry: Solar based Power

Completion: NA

Location: YSR, Andhra Pradesh

The project envisages setting up of 3 MWp grid integrated solar photovoltaic based power unit in YSR district of Andhra Pradesh. Bids have been invited and the tendering process is underway.

Contact: Indian Oil Corpn. Ltd., Indian Oil Bhavan, G-9, Ali Yavar Jung Marg, Bandra (East), Mumbai Suburban, Maharashtra 400051. Tel: (022)-26408623/ 26447000/ 26447691, Fax: 26438161

POWER DISTRIBUTION (KHADAKALAT)

14

Promoter: Karnataka Power Transmission Corpn. Ltd.

Cost: NA

Industry: Power Distribution

Completion: NA

Location: Belagavi, Karnataka

The project envisages upgradation of 2x5 MVA, 33/11 kV substation to 2x10 MVA, 110/11 kV substation at Khadakalat in Belagavi district of Karnataka on partial turnkey basis. Bids have been invited and the tendering process is underway.

Contact: Karnataka Power Transmission Corpn. Ltd., Kaveri Bhavan, P.B.No.9990, Gandhinagar Post Office, Bengaluru, Karnataka 560009. Tel: (080)-22274744/ 22214342/ 22244556

RURAL ELECTRIFICATION (RAGHOPUR)

15

Promoter: North Bihar Power Distribution Co. Ltd.

Cost: 9.52 (₹Crore)

Industry: Power Distribution

Completion: NA

Location: Bihar

The project envisages implementation of rural electrification work of following four 1x5 MVA 33/11 kV PSS alongwith associated 33 kV & 11 kV line in Bihar on turnkey basis under State Plan Scheme. Bids have been invited and the tendering process is underway.

Contact: North Bihar Power Distribution Co. Ltd., Vidyut Bhavan, Bailey Road, Patna, Bihar 800021. Tel: (0612)-2504044

TRANSMISSION LINE (RADHANPUR-SANKHARI)

16

Promoter: Gujarat Energy Transmission Corpn. Ltd.

Cost: 26.21 (₹Crore)

Industry: Power Distribution

Completion: June, 2018

Location: Patan, Gujarat

The project envisages laying of 220 kV D/C Radhanpur-Sankhari line in length of 47.82 km with AL-59 conductor equivalent weight of ACSR Zebra conductor in Gujarat on turnkey basis.

Contact: Gujarat Energy Transmission Corpn. Ltd., Sardar Patel Vidyut Bhavan, Vadodara, Gujarat 390007. Tel: (0265)-2310582- 86/ 2337884/ 2327482, Fax: 2337918/ 2338164/ 2339066. Email: getco@gebmail.com

FRESH PROJEX BY OWNERSHIP - MARCH 2016

Ownership	Projects	₹Crore	Share (%)
Government	397	36,370	76.63
Central Govt.	96	28,352	59.74
State Govt.	301	8,019	16.89
Private	219	11,091	23.37
Private (Indian)	212	10,435	21.99
Foreign	7	656	1.38
Grand Total	616	47,462	100.00

AYURVEDA INSTITUTE (PANCHKULA)

17

Promoter: Public Health Engineering Department, Haryana

Cost: NA

Industry: Hospitals

Completion: NA

Location: Panchkula, Haryana

The project envisages construction of ayurveda institute in Panchkula district of Haryana. Work to commence by July 2016. Bids have been invited and the tendering process is underway.

Contact: Public Health Engineering Department, Haryana, Public Health Engineering Building, Bays 13-20, Sector 4, Panchkula, Haryana 134112. Tel: (0172)-2561672, Fax: 2560237

AUDITORIUM (AURANGABAD)

18

Promoter: City & Industrial Devp. Corpn. of Maharashtra Ltd.

Cost: 19.06 (₹Crore)

Industry: Tourism & Recreation

Completion: June, 2018

Location: Aurangabad, Maharashtra

The project envisages construction of Vande Mataram Auditorium at survey No. 6656 near Shahi Masjid in Aurangabad district of Maharashtra. Bids have been invited and the tendering process is underway.

Contact: City & Industrial Devp. Corpn. of Maharashtra Ltd., CIDCO Bhavan, 2nd Floor, C.B.D. Belapur, Navi Mumbai, Thane, Maharashtra 400614. Tel: (022)-67918251/ 67121019/ 67918102, Fax: 67918166/ 67918562

CHIKKABASAVANAPURA LAKE DEVELOPMENT

19

Promoter: Bruhat Bangalore Mahanagara Pallike

Cost: NA

Industry: Tourism & Recreation

Completion: NA

Location: Bengaluru, Karnataka

The project envisages development of Chikkabasavanapura lake in Bengaluru district of Karnataka. Bids have been invited and the tendering process is underway.

Contact: Bruhat Bangalore Mahanagara Pallike, Rajarajeshwarinagar Division, Annex Building, 3rd and 4th Floor, N R Square, Bengaluru, Karnataka 560002. Tel: (080)-22131187

ECO TOURISM (KABIRVAD)

20

Promoter: Bharuch District Management Association

Cost: 50.00 (₹Crore)

Industry: Tourism & Recreation

Completion: NA

Location: Bharuch, Gujarat

Bharuch District Management Association plans to develop an eco tourism at Kabirvad in Bharuch district of Gujarat. Work to commence by January 2017.

Contact: Bharuch District Management Association, 601/602, Radhey Building, Vaikunth Township, Opp K J Polytechnic, Bholav, Bharuch, Gujarat 392002. Tel: (02642)-226619/ 228190, Email: bdmainto13@gmail.com

ROPEWAY (RAGHUNATH TEMPLE-TOD ROCK)

21

Promoter: Mars Entertainment Pvt. Ltd.

Cost: NA

Industry: Tourism & Recreation

Completion: NA

Location: Sirohi, Rajasthan

Mars Entertainment plans to develop a ropeway from Raghunath Temple to Tod Rock at Nakki Lake at Mount Abu in Sirohi district of Rajasthan. Work to commence by July 2016.

Contact: Mars Entertainment Pvt. Ltd., A-9, Sai Darshan Colony, Tartoli Road, Abu Road, Sirohi, Rajasthan 307026. Tel: (02974)-221089/ 09414397810/ 09414161443

TOURISM (DHARAMSHALA & MCLEODGANJ)

22

Promoter: Himachal Pradesh Tourism Devp. Corpn.

Cost: NA

Industry: Tourism & Recreation

Completion: May, 2018

Location: Kangra, Himachal Pradesh

The project envisages conserving prominent temple precincts and upgrading urban infrastructure for tourism at Dharamshala and McLeodganj in Himachal Pradesh. Bids have been invited and the tendering process is underway.

Contact: Himachal Pradesh Tourism Devp. Corpn., Ritz Annexe, Shimla, Himachal Pradesh 171001. Tel: (0177)-2652704, Fax: 2652206. Email: hptdc@hptdc.in

NEW PROJECTS

Commercial Complexes / Car Parks, etc / Community Services

COMMERCIAL COMPLEX (PARBHANI)

23

Promoter: Parbhani City Municipal Corporation
Cost: 10.00 (₹Crore)
Industry: Commercial Complexes
Completion: December, 2017
Location: Parbhani, Maharashtra

The project envisages construction of commercial complex at CTS No. 17 (part) on Station Road in Parbhani district of Maharashtra. Bids have been invited and the tendering process is underway.

Contact: Parbhani City Municipal Corporation, Municipal Commissioner, SP Office, Railway Station Road, Parbhani, Maharashtra 431401. Tel: (02452)-222424/ 233313/ 223638, Fax: 221415. Email: pcmcparbhani@gmail.com

PARKING PLAZA (PALAYAM)

24

Promoter: Thiruvananthapuram Devp. Authority
Cost: NA
Industry: Car Parks, etc
Completion: June, 2019
Location: Thiruvananthapuram, Kerala

The project envisages construction of parking plaza-cum-commercial complex 'A' block at Palayam in Thiruvananthapuram district of Kerala. Bids have been invited and the tendering process is underway.

Contact: Thiruvananthapuram Devp. Authority, Vazhuthacaud, Jaya Mansion, P.O.Sastamangalam, Thiruvananthapuram, Kerala 695010. Tel: (0471)-2722748/ 2722238, Fax: 2726615. Email: tridasecretary@gmail.com

COMMUNITY SKILL PARK (KATTAPPANA)

25

Promoter: Department of Higher Education, Kerala
Cost: 11.19 (₹Crore)
Industry: Community Services
Completion: June, 2017
Location: Idukki, Kerala

The project envisages construction of community skill park at Kattappana in Idukki district of Kerala. Bids have been invited and the tendering process is underway.

Contact: Department of Higher Education, Kerala, Room No. 501, 6th Floor, Secretariat Annex, Statue, Thiruvananthapuram, Kerala. Tel: (0471)-2328410, Fax: 2333439. Email: prisecy@higheredu.kerala.gov.in

CORPORATE BHAWAN (AHMEDABAD)

26

Promoter: Government of India, Ministry of Corporate Affairs
Cost: 39.00 (₹Crore)
Industry: Community Services
Completion: May, 2018
Location: Ahmedabad, Gujarat

The project envisages construction of corporate bhawan in Ahmedabad district of Gujarat. Bids have been invited and the tendering process is underway.

Contact: Government of India, Ministry of Corporate Affairs, ROC, Bhavan, Opp. Rupal Park Society, Behind Ankur Bus Stop, Naranpura, Ahmedabad, Gujarat 380013. Tel: (079)-27437597

DBT ANIMAL HOUSE FACILITY (DIBRUGARH)

27

Promoter: Indian Council of Medical Research
Cost: 25.00 (₹Crore)
Industry: Community Services
Completion: December, 2017
Location: Dibrugarh, Assam

The project envisages construction of DBT animal house facility for biotechnology research at North-Eastern Region Medical Research Center N.E. Region in Dibrugarh district of Assam. Bids have been invited and the tendering process is underway.

Contact: Indian Council of Medical Research, V Ramalingaswami Bhawan, P.O. Box No.4911, Ansari Nagar, Delhi 110029. Tel: (011)-26588895 / 26588980/ 26589336, Fax: 26588662. Email: headquarters@icmr.org.in

REGIONAL TRAINING CENTRE (VADODARA)

28

Promoter: Roads & Buildings Department, Gujarat
Cost: 19.60 (₹Crore)
Industry: Community Services
Completion: NA
Location: Vadodara, Gujarat

The project envisages construction of new building for Regional Training Centre (SPIPA) in Vadodara district of Gujarat. Bids have been invited and the tendering process is underway.

Contact: Roads & Buildings Department, Gujarat, Block No.14, 2nd Floor, New Sachivalaya, Gandhinagar, Gujarat 382010. Tel: (079)-23251801/ 2/ 3/ 4, Fax: 23252509. Email: secrnb@gujarat.gov.in

RESIDENTIAL COMPLEX (BADLAPUR)

29

Promoter: Tharwani Realty

Cost: NA

Industry: Real Estate

Completion: NA

Location: Thane, Maharashtra

Tharwani Realty plans to develop a residential complex 'Millennium City' at Badlapur in Thane district of Maharashtra. Work to commence by September 2016.

Contact: Tharwani Realty, 310 to 313, 3rd Floor, Persipolis Co-op. Housing Society, Plot No.74, Sector 17, Vashi, Navi Mumbai, Thane, Maharashtra 400705. Tel: (022)-27895400/ 04/ 01/ 05, Fax: 27880000. Email: info@sagroup.net

RESIDENTIAL COMPLEX (ALTANA) (BENGALURU)

30

Promoter: Sattva Group

Cost: NA

Industry: Real Estate

Completion: October, 2020

Location: Bengaluru, Karnataka

Sattva Group plans to develop a residential complex 'Altana' at Vijayanagar Extension in Bengaluru district of Karnataka. Work to commence by October 2016.

Contact: Sattva Group, 4th Floor, Satarpuria Windsor, 3, Ulsoor Road, Bengaluru, Karnataka 560042. Tel: (080)-42699000. Email: enquiry@sattvagroup.in

RESIDENTIAL COMPLEX (NITESH SOHO) (BENGALURU)

31

Promoter: Nitesh Estates Pvt. Ltd.

Cost: NA

Industry: Real Estate

Completion: NA

Location: Bengaluru, Karnataka

Nitesh Estates plans to develop a residential complex 'Nitesh Soho' at Ali Asker Road in Bengaluru district of Karnataka.

Contact: Nitesh Estates Pvt. Ltd., Nitesh Timesquare, 7th Floor, M G Road, No 8, Bengaluru, Karnataka 560001. Tel: (080)-40174000/ 40174222/ 26/ 40174017/ 41124326, Fax: 25550825. Email: info@niteshestates.com

RESIDENTIAL COMPLEX (GHODBUNDER ROAD)

32

Promoter: Raunak Group

Cost: NA

Industry: Real Estate

Completion: NA

Location: Thane, Maharashtra

Raunak Group plans to develop a residential complex 'Raunak Bliss' at Ghodbunder Road in Thane district of Maharashtra.

Contact: Raunak Group, Unnathi Garden III, Prabhakar Kunte Marg, Pokharan Road No.2, Laxmi Narayan Residency, Opp. Ma Niketan, Thane, Maharashtra 400610. Tel: (022)-21737001/ 02. Email: raunakgroup@gmail.com

RESIDENTIAL COMPLEX (KANDIVALI)

33

Promoter: SD Corporation Pvt. Ltd.

Cost: NA

Industry: Real Estate

Completion: NA

Location: Mumbai Suburban, Maharashtra

SD Corporation plans to develop a residential complex 'Epsilon Towers' at Kandivali (East) in Mumbai. Work to commence by June 2016.

Contact: SD Corporation Pvt. Ltd., C/o Shapoorji Pallonji & Co.ltd., 41/44, Minoo Desai Marg, Colaba, Mumbai, Maharashtra 400005. Tel: (022)-67490297, Fax: 22338176. Email: spcl@shapoorji.com

RESIDENTIAL COMPLEX (KARJAT)

34

Promoter: Rajnir Enterprises Pvt. Ltd.

Cost: NA

Industry: Real Estate

Completion: NA

Location: Raigarh, Maharashtra

Rajnir Enterprises plans to develop a residential complex 'Sunrise Residency - Phase III' near Shelu-Neral railway station at Karjat in Raigarh district of Maharashtra.

Contact: Rajnir Enterprises Pvt. Ltd., D-515, Neelkhant Business Park, Near Vidyavihar Railway Station, Mumbai Suburban, Maharashtra 400086. Tel: 08080808710

RESIDENTIAL COMPLEX (KHAR)

35

Promoter: Ekta World Pvt. Ltd.

Cost: NA

Industry: Real Estate

Completion: NA

Location: Mumbai Suburban, Maharashtra

Ekta World plans to develop a residential complex 'Ekta Eros' at Khar (West) in Mumbai. Work to commence by June 2016.

Contact: Ekta World Pvt. Ltd., 401, Hallmark business Plaza, off Western Express Highway, Near Bandra Kurla Complex, Mumbai, Maharashtra 400051. Tel: (022)-61152424/ 61152231, Fax: 61152200. Email: info@ektaworld.com

RESIDENTIAL COMPLEX (THANE)

36

Promoter: Indiabulls Real Estate Ltd.

Cost: 678.00 (₹Crore)

Industry: Real Estate

Completion: NA

Location: Thane, Maharashtra

Indiabulls Real Estate plans to develop a residential complex at Pokhran Road in Thane district of Maharashtra. Received environmental clearance.

Contact: Indiabulls Real Estate Ltd., Plot No.448-451, Indiabulls House, Udyog Vihar, Phase-V, Gurgaon, Haryana 122001. Tel: (0124)-6682850/ 51

INDUSTRIAL PARK (KAROLI)

37

Promoter: Rajasthan State Indl. Devp. & Investment Corpn. Ltd.

Cost: NA

Industry: Parks

Completion: December, 2017

Location: Alwar, Rajasthan

The project envisages development of industrial park at Karoli, Bhiwadi in Alwar district of Rajasthan. Bids have been invited and the tendering process is underway.

Contact: Rajasthan State Indl. Devp. & Investment Corpn. Ltd., Unit I, RIICo Chowk, Udyog Bhavan, Tilak Marg, Alwar, Rajasthan. Tel: (0141)-2227751/ 5113201, Fax: 2220169. Email: riico@riico.com

BRIDGE (KALAI RIVER)

38

Promoter: Omnibus Indl. Devp. Corpn. of Daman & Diu, Dadra & Nagar Haveli Ltd.

Cost: NA

Industry: Roadways

Completion: NA

Location: Daman, Daman & Diu

The project envisages construction of bridge across Kalai River, connecting Jampore, Moti Daman to Kalai village in Gujarat at Daman. Bids have been invited and the tendering process is underway.

Contact: Omnibus Indl. Devp. Corpn. of Daman & Diu, Dadra & Nagar Haveli Ltd., Plot No.35, Near Guru Krupa, Somnath, Daman, Daman & Diu 396210. Tel: (0260)-2244731/ 2240976/ 2240721/ 2230739/ 2241120, Fax: 2241108. Email: oidc@ricmail.com

ELEVATED CORRIDOR (KURLA-VAKOLA FLYOVER)

39

Promoter: Mumbai Metropolitan Region Devp. Authority

Cost: 413.25 (₹Crore)

Industry: Roadways

Completion: June, 2019

Location: Mumbai Suburban, Maharashtra

The project envisages construction of elevated corridor from Kurla to Vakola flyover at Kurla in Mumbai. Bids have been invited and the tendering process is underway.

Contact: Mumbai Metropolitan Region Devp. Authority, 3rd Floor, Plot No. C-14 &15, MMRDA Building, BKC Mumbai Suburban, Maharashtra 400051. Tel: (022)-26590001-08 Fax: 26594182/ 26591264 Email: mmrdapro@gmail.com

ROAD UPGRADATION (HYDERABAD-NAGARJUNASAGAR)

40

Promoter: Roads & Buildings Department, Telangana

Cost: 73.37 (₹Crore)

Industry: Roadways

Completion: NA

Location: Hyderabad, Telangana

The project envisages widening and strengthening to Hyderabad-Nagarjunasagar road with paved shoulders from 55.00 km to 99.50 km in Nalgonda district of Telangana under Krishna Pushkaralu. Bids have been invited and the tendering process is underway.

Contact: Roads & Buildings Department, Telangana, Bhavan, RTA campus, Somajiguda, Hyderabad, Telangana 500082. Tel: (040)-23731748

NEW PROJECTS

Roadways / Shipping Infrastructure / Berths, Jetties/ Water & Sewerage Pipeline & Distribution

ROAD UPGRADATION (MANOHARPUR-DAUSA)

41

Promoter: National Highways Authority of India

Cost: 249.04 (₹Crore)

Industry: Roadways

Completion: June, 2018

Location: Jaipur, Rajasthan

The project envisages two-laning with paved shoulder of Manoharpur-Dausa section of NH-11A (New NH-148) from 0.00 km to 62.32 km in Rajasthan on EPC basis under NHDP Phase IV. Bids have been invited and the tendering process is underway.

Contact: National Highways Authority of India, G-5 & G-6, Sector-10, Dwarka, Delhi 110075. Tel: (011)-25074100/ 200/ 1213/ 2016, Fax: 25093507/ 25093514/ 25093510/ 25093528

R-O-B (BARAMATI-KADA-PATHARDI)

42

Promoter: Public Works Department, Maharashtra

Cost: 17.16 (₹Crore)

Industry: Roadways

Completion: NA

Location: Pune, Maharashtra

The project envisages construction of railway over bridge (ROB) at railway crossing No.23 (297-2-3) on Baramati-Kada-Pathardi (SH-54) in Ch.31/60 at Indapur taluka in Pune district of Maharashtra. Bids have been invited and the tendering process is underway.

Contact: Public Works Department, Maharashtra, PW(East) Division, Central Building Campus, B Barack, Behind Sasun Hospital, Pune, Maharashtra 411001. Tel: (020)-26122457

FISH LANDING CENTRE

43

Promoter: Department Of Fisheries, Maharashtra

Cost: 8.56 (₹Crore)

Industry: Shipping Infrastructure

Completion: June, 2017

Location: Raigarh, Maharashtra

The project envisages construction of fish landing centre at Ekdara, Murud taluka in Raigarh district of Maharashtra. Bids have been invited and the tendering process is underway.

Contact: Department Of Fisheries, Maharashtra, Taraporwala Aquarium, Netaji Subhash Road, Charni Road, Mumbai, Maharashtra 400002. Tel: (022)-22829995/ 22820923, Fax: 22821239. Email: exeng18@rediffmail.com

BERTHS (CHENNAI)

44

Promoter: Chennai Port Trust

Cost: NA

Industry: Berths, Jetties

Completion: NA

Location: Chennai, Tamil Nadu

The project envisages development of JD (East) and BD-II berths as coal terminal at Chennai Port in Tamil Nadu on PPP basis. Bids have been invited and the tendering process is underway.

Contact: Chennai Port Trust, 3rd Floor, Old Admin Office Building, Rajaji Salai, Chennai, Tamil Nadu 600001. Tel: (044)-25390750/ 25393412, Fax: 25361849. Email: sempchpt@gmail.com

SEWERAGE SCHEME (REWA)

45

Promoter: Rewa Municipal Corpn.

Cost: 172.25 (₹Crore)

Industry: Water & Sewerage Pipeline & Distribution

Completion: June, 2019

Location: Rewa, Madhya Pradesh

The project envisages implementation of sewerage scheme in Rewa district of Madhya Pradesh. Bids have been invited and the tendering process is underway.

Contact: Rewa Municipal Corpn., Rewa, Madhya Pradesh 486001. Tel: (07662)-242305/ 250105, Fax: 404413. Email: nagarnigamrewa@yahoo.com

UNDERGROUND DRAINAGE SCHEME (KALABURAGI)

46

Promoter: Karnataka Urban Water Supply & Drainage Board

Cost: 180.45 (₹Crore)

Industry: Water & Sewerage Pipeline & Distribution

Completion: June, 2019

Location: Kalaburagi, Karnataka

The project envisages implementation of underground drainage scheme (Phase-II, 4th Stage) in Kalaburagi district of Karnataka under AMRUT. Bids have been invited and the tendering process is underway.

Contact: Karnataka Urban Water Supply & Drainage Board., 6, Jalbhavan, BTM Layout, Phase-I, Bannerghatta Road, Bengaluru, Karnataka 560029. Tel: (080)-41106504 - 50/ 26539003, Fax: 41106504/ 26539206

EFFLUENT TREATMENT PLANT (BEHRAMPURA)

47

Promoter: Ahmedabad Hand Screen Printing Association

Cost: 112.00 (₹Crore)

Industry: Water, Sewage & Effluent Treatment

Completion: NA

Location: Ahmedabad, Gujarat

Ahmedabad Hand Screen Printing Association plans to implement common effluent treatment plant at Behrampura in Ahmedabad district of Gujarat. Work to commence by July 2016.

Contact: Ahmedabad Hand Screen Printing Association, Danilimda Cross Road, Danilimda, Ahmedabad, Gujarat 380028. Tel: (079)-65217392

LANDFILL FACILITY (SARAGVADA)

48

Promoter: Industrial Waste Management Service
Cost: NA

Industry: Water, Sewage & Effluent Treatment

Completion: NA

Location: Ahmedabad, Gujarat

Industrial Waste Management Service plans to implement common integrated landfill and incineration facility at Saragvada, Dholka taluka in Ahmedabad district of Gujarat. Work to commence by January 2017.

Contact: Industrial Waste Management Service, 41, Dahyalal Park, Opp. Vyaswadi, Kathwada Road, Naroda, Ahmedabad, Gujarat 382330. Tel: 09825613139. Email: idwms2015@gmail.com

MUNICIPAL SOLID WASTE PROCESSING (KOTA)

49

Promoter: Municipal Corpn., Kota

Cost: 148.72 (₹Crore)

Industry: Water, Sewage & Effluent Treatment

Completion: NA

Location: Kota, Rajasthan

The project envisages implementation of municipal solid waste processing plant adopting waste to energy technology with sanitary landfill facility at Dabi Road Nanta in Kota district of Rajasthan under Swachh Bharat Mission Scheme. Bids have been invited and the tendering process is underway.

Contact: Municipal Corpn., Kota, Dushera Ground, Kota, Rajasthan 324001. Tel: (0744)-2502768/ 2501903

JINJOI IRRIGATION SCHEME

50

Promoter: Water Resources Department, Jharkhand

Cost: 35.18 (₹Crore)

Industry: Irrigation

Completion: June, 2018

Location: Palamu, Jharkhand

The project envisages restoration of Jinjoi irrigation scheme in Palamu district of Jharkhand. Bids have been invited and the tendering process is underway.

Contact: Water Resources Department, Jharkhand., Advance Planning Division, Ranchi, Jharkhand 834004. Tel: (0651)-2480612/ 2441716

Major Tenders

- National Highway Authority of India for development of personal rapid transit (PRT) system Delhi-Gurgaon Pilot Project Corridor from Km 24.00 at NH-8 (Delhi Haryana Border)-Km 33.50 (Rajiv Chowk, Gurgaon)-NH-248A Sohna Road DBFOT basis. Contract Value: ₹835.62 Crore. Last date for submission: 05 May 2016.
- Rajasthan Urban Infrastructure Development Project for construction of sewerage network at Gangashehar Zone in Bikaner district of Rajasthan. Contract Value: ₹220 Crore. Last date for submission: 16 May 2016.
- South East Central Railway for execution of earthwork in formation, construction of major & minor bridges and other allied miscellaneous works between Karkeli (in) to Lorha (in) and Chandia (in) to New Katni (ex.) in connection with construction of Anuppur-Katni 3rd line of Bilaspur division in Madhya Pradesh. Contract Value: ₹175.34 Crore. Last date for submission: 31 May 2016.
- Purvanchal Vidyut Vitran Nigam for construction of LT lines, distribution transformers, metering & miscellaneous works in Varanasi, Azamgarh & Mirzapur Zone (Chandauli, Ghazipur, Jaunpur, Varanasi, Azamgarh, Ballia, Mau, Mirzapur, Sant Ravidas Nagar (Badohi) & Sonbhadra district) of Uttar Pradesh. Contract Value: ₹113.86 Crore. Last date for submission: 19 April 2016.
- Public Works Department, Punjab for construction of Shri Guru Ravidas ji Memorial at Khuralgarh village, Garhshanker tehsil in Hoshiarpur district of Punjab. Contract Value: ₹100.14 Crore. Last date for submission: 21 April 2016.

UNDER EXECUTION

Paper Products / Plastic Products / Polymers / Consumer Electronics / Tourism & Recreation / SEZ/EPZ

FOLDING CARTONS (SRI CITY)

1

Promoter: Parksons Packaging Ltd.

Cost: 70.00

Industry: Paper & Paper Products

Completion: October, 2016

Location: Chittoor, Andhra Pradesh

Parksons Packaging is setting up a printed and laminated folding cartons manufacturing unit with a capacity of 10 millions packs per day at Sri City in Chittoor district of Andhra Pradesh. Work underway.

Contact: Parksons Packaging Ltd., 701/702 Indiabulls Finance Centre, Tower 1, 7th Floor, Senapati Bapat Marg, Mumbai, Maharashtra 400013. Tel: (022)-66667200

STYRENE METHYL METHACRYL (AMDOSHI) PROJECT

3

Promoter: Supreme Petrochem Ltd.

Cost: 6.00

Industry: Polymers (Thermoplastic, Resins)

Completion: December, 2016

Location: Raigarh, Maharashtra

Supreme Petrochem is setting up a styrene methyl methacryl unit with a capacity of 42,500 tpa at Amdoshi village, Wangani in Raigarh district of Maharashtra. Work underway.

Contact: Supreme Petrochem Ltd., Building No. 11, 5th Floor, Solitaire Corporate Park 167, Guru Hargovindji Marg, (Andheri-Ghatkopar Link Road) Chakala, Mumbai, Maharashtra 400093. Tel: (022)-67091900/ 1939/ 1957

RESORT (MAJORDA BEACH)

5

Resort (Majorda Beach)

Promoter: Royal Oak Resorts Ltd.

Cost: NA

Industry: Tourism & Recreation

Completion: March, 2017

Location: South Goa, Goa

Royal Oak Resorts is developing a resort 'Ocean Breeze' at Majorda Beach in South Goa. Work underway.

Contact: Royal Oak Resorts Ltd., 406, 4th Floor, Pearls Business Park, Adjacent Fun Cinemas, Netaji Subhash Place, Ring Road, Pitampura, New Delhi, Delhi 110034. Tel: (011)-41052328. Email: info@theroyaloakresorts.com

PVC PIPES - EXPANSION (SILVASSA)

2

Promoter: Polysil Pipes Ltd.

Cost: 22.00

Industry: Plastic & Plastic Products

Completion: September, 2016

Location: Dadra & Nagar Haveli

Polysil Pipes is expanding PVC pipes capacity from 17,000 tpa to 25,000 tpa at Silvassa in Dadra & Nagar Haveli. Work underway.

Contact: Polysil Pipes Ltd., 103/1/2, Rakholi Industrial Estate, Silvassa, Dadra & Nagar Haveli 396230. Tel: (0260)-6453030

SET-TOP BOXES (NOIDA)

4

Promoter: Laxmi Remote India Pvt. Ltd.

Cost: 200.00

Industry: Consumer Electronics

Completion: April, 2017

Location: Gautam Budh Nagar, Uttar Pradesh

Laxmi Remote India is setting up a set-top boxes manufacturing unit at Noida in Gautam Budh Nagar district of Uttar Pradesh. Work underway.

Contact: Laxmi Remote India Pvt. Ltd., No.B-201, Phase-II, Noida, Gautam Budh Nagar, Uttar Pradesh 201305. Tel: (0120)-2563903/ 2563904

IT SEZ (AHMEDABAD)

6

Promoter: Ganesh Infrastructure Pvt. Ltd.

Cost: 750.00

Industry: SEZ/EPZ

Completion: March, 2018

Location: Ahmedabad, Gujarat

Ganesh Infrastructure is developing an IT special economic zone 'Million Minds' in Village Chharodi, Taluka Dascroi, Ahmedabad district of Gujarat. Work underway.

Contact: Ganesh Infrastructure Pvt. Ltd., Ganesh Corporate House, 100 ft Hebaspur, Thaltej Road, Near Sola Bridge, Off. S G Highway, Ahmedabad, Gujarat 380054. Tel: (079)-61608888, Fax: 2656234. Email: millionminds@gmail.com, ganesh@ganeshhousing.com

RESIDENTIAL COMPLEX (GURGAON)

7

Promoter: Suncity Projects Ltd.

Cost: NA

Industry: Real Estate

Completion: December, 2019

Location: Gurgaon, Haryana

Suncity Projects is developing a residential complex 'Suncity Avenue 102' at Sector-102 in Gurgaon district of Haryana. Work underway.

Contact: Suncity Projects Ltd., Suncity Business Tower, 2nd Floor, Golf Course Road, Sector-54, Gurgaon, Haryana 122002. Tel: (0124)-4691000, Fax: 4691010. Email: info@suncityprojects.com

RESIDENTIAL COMPLEX (YESHWANTHPUR)

8

Promoter: Jain Heights & Structures Pvt. Ltd.

Cost: NA

Industry: Real Estate

Completion: December, 2017

Location: Bengaluru, Karnataka

Jain Heights & Structures is developing a residential complex 'Grand West' at Yeshwanthpur in Bengaluru district of Karnataka. Work underway.

Contact: Jain Heights & Structures Pvt. Ltd., Solus Floor 11, No. 2, 1st Cross, J C Road, Bengaluru, Karnataka 560027. Tel: (080)-22131390/ 92/ 93, Fax: 22131391. Email: info@jainheights.com

RESIDENTIAL COMPLEX (GHODBUNDER ROAD)

9

Promoter: Raunak Group

Cost: NA

Industry: Real Estate

Completion: NA

Location: Thane, Maharashtra

Raunak Group is developing a residential complex 'Unnathi Woods - Phase VII' near Horizon School, Ghodbunder Road in Thane (West) district of Maharashtra. Work underway.

Contact: Raunak Group, Unnathi Garden III, Prabhakar Kunte Marg, Pokharan Road No.2, Laxmi Narayan Residency, Opp. Ma Niketan, Thane, Maharashtra 400610. Tel: (022)-21737001/ 02. Email: raunakgroup@gmail.com

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RESIDENTIAL COMPLEX (MULUND) (ANUTHAM)

10

Promoter: Amardeep Constructions

Cost: NA

Industry: Real Estate

Completion: March, 2019

Location: Mumbai Suburban, Maharashtra

Amardeep Constructions is developing a residential complex 'Anutham' at Mulund (East) in Mumbai. Work underway.

Contact: Amardeep Constructions, Jaydeep Emphasis, Level 5, Plot No A-9, Road No 1, Wagle Estate, Near Mulund Check Naka, Thane, Maharashtra 400601. Tel: (022)-21632233/ 28509911/ 25809900. Email: info@amardeepconstructions.com

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VMware's Bangalore campus receives LEED Platinum certification

India, according to the U.S. Green Building Council (USGBC), has 168 buildings that are LEED Platinum certified, of which 24 are in Bangalore. In this elite list, the new entrée is VMware India whose campus in South Bangalore has recently been LEED certified to the Platinum level.

VMware Inc. is one of the global leaders in cloud infrastructure and business mobility. Built on VMware's industry leading virtualization technology, its solutions deliver a brave new model of IT that is fluid, instant and more secure. The company is headquartered in Silicon Valley with offices throughout the world.

VMware's Bangalore campus has achieved LEED Platinum for implementing practical and measurable strategies and solutions aimed at achieving high performance in sustainable site development, water savings, energy efficiency, materials selection and

indoor environmental quality.

"While VMware helps customers energize their businesses through virtualization and save energy and financial costs, we also stay committed towards reducing our global corporate carbon footprint as well," said Renuka Rajagopal, Director - Real Estate and Workplace, VMware India. "It's an honour to be recognized for the sustainability measures and practices followed at our campus in Bangalore. By taking the lead in developing a state-of-the-art campus that has a minimal impact on the environment, we can help create greater awareness on sustainable work environments to educate and inspire others."

The LEED rating system, developed by the USGBC, is the foremost programme for buildings, homes and communities that are designed, constructed, maintained and operated for improved environmental and

human health performance.

"The green building movement offers an unprecedented opportunity to respond to the most-important challenges of our time, including global climate change, dependence on non-sustainable and expensive sources of energy and threats to human health," said Rick Fedrizzi, CEO and Founding Chair, USGBC. "The work of innovative building projects such as VMware's campus in Bangalore is a fundamental driving force in the green building movement."

VMware's state-of-the-art campus was inaugurated in April last year, representing a total investment of \$120 million. The 438,000-square-foot facility in South Bangalore plays a strategic role in VMware's global growth strategy for the mobile-cloud era. VMware is headquartered in Silicon Valley with offices throughout the world. ■



K RAHEJA CORP

GREEN REVOLUTIONARY



K Raheja Corp has been the torch bearer of the green cause for the real estate industry, dating back to 2007 when it signed an MoU with the CII-Green Building Council. From then on, the realty giant has built buildings that are all LEED certified. At present, the company is in the process of developing 32.68 million sq. ft. of green space across India. In an exclusive email interaction with Dibyendu RoyChowdhury, Shabbir Kanchwala, Senior Vice President, K Raheja Corp, talks about K Raheja legacy and their "green vision" to build all commercial as well as residential projects across the country as LEED and IGBC certified.

— Shabbir Kanchwala, Senior Vice President, K Raheja Corp

What is K Raheja's long-term approach towards the green construction and sustainability?

Going green is the new buzz word of urban life. Developers, builders, property owners, realtors, bankers and insurers are rigorously using "green buildings" in the context of their respective professions. There is a growing awareness on the resource crunch that the country is faced with and increasingly demanding self-sustaining efficient developments that cost less to operate. Green buildings make good business sense as any investment made is paid back within 3-4 years.

Even in commercial buildings, there is a growing demand amongst multinational clients.

As a responsible developer, we have a "green vision" that all our commercial as well as the residential projects across the country will be LEED and IGBC certified. In order to increase awareness and optimal utilization of green developments, we have taken the following initiatives under the green rating programme:

1. Training programmes imparted to the green building core team, i.e. architects, engineers

and especially sales team to enable them to communicate appropriate and relevant information along with benefits to the property aspirants.

2. Detailed guidelines given to tenants mentioning the green features of the project along with do's and don't's.

With the beginning of green buildings in India by Indian Green Building Council (IGBC), we were one of the first developers to have entered an MoU with Confederation of Indian Industry (CII) and IGBC for the implementation of green building measures for all commercial projects across the India.

The rising awareness of global warming and climate change issues and the knowledge that green building techniques lead to a lower level of greenhouse gas emissions are helping grow green building construction. What are the other green building activities and trends?

At the time when the world is faced with a global ecological crisis around climate change, we are at an important juncture where we need to take responsibility and act both sensibly and ethically towards the environment. We, at K Raheja Corp, we have been ahead of the curve in the green development sector.

With a shift in mindsets growing towards the idea of promoting sustainability, green



INTERVIEW: K Raheja Corp

building concepts have taken the front foot in the real estate industry. Looking for an opportunity to become more involved with promoting sustainability, new construction technologies are being developed to pave the way for sustainable construction.

Some of the new technologies used in green buildings are:

- **Net Zero Concept (Zero Energy and Zero Water Concepts)**

Net zero concept buildings depend on renewable sources to produce as much energy as they use. Buildings that produce a surplus of energy may be called "energy-plus buildings" and buildings that consume slightly more energy than they produce are called "near-zero energy buildings". The energy is measured over the course of a year. One of its many features is that it does not depend on any external source for energy and water. Extensive use of renewable source of energy like solar panels and wind turbines stand among the technologies used to achieve net zero status. The long-term benefits of energy-saving compel companies to consider it as a good investment.

- **HVAC (Heating Ventilation and Air Conditioning) and Electrical**

Today's modern constructions employ HVAC as functions that designate them as modern homes and buildings. Warmed or cooled or dehumidified air flows through a series of ducts that are distributed to all the rooms of a house. A central HVAC system is the quietest and convenient way to cool an entire home. HVAC systems should consist of water cooled screw chillers with a high coefficient of performance and eco-friendly refrigerant. AHU's, cooling towers, pumps and jet



fans with variable frequency drives are modulated by centralized IBMS with the installation variable air volumes inside the designated areas. AHU's are interlinked with heat recovery units to reduce the cooling load on the chiller. For better IAQ, use of demand control ventilation system with CO2 sensors is a must. The main objective is to reduce the electricity consumption of the building from the electricity grid, a fossil fuel based thermal power dominated grid and thus contributes to the reduction in emissions of pollutants including GHG emissions. The use of daylight and occupancy sensors for common area lighting and use of LED's for energy conservation is an option that many are turning to.

- **Glazing**

Glazing is another technique used wherein a low "e" double-glazed glass is used to reduce the heat ingress into the building. These windows help

make the indoor area more comfortable. In turn, this dramatically reduces energy costs and helps create a brighter, cleaner and healthier environment.

- **Low-emitting materials**

Using local and recycled materials having lower embodied energy is very important. The reduction or no use of low-VOC paints, adhesives and sealants is better for the environment and indoor air quality.

- **Water efficiency**

Efforts to increase water capacity should be balanced with greater conservation and water efficiency efforts. Low-flow fixtures, sewage treatment through reuse of recycled water for flushing and landscaping, and appropriate use of drip and high-efficient sprinkler irrigation need to be taken care of. Technological innovations in green building concepts not only help in

K Raheja's JW Marriot Mumbai gets LEED Gold certification

Close on the heels of the LEED Gold certification being awarded to the K Raheja Corp-owned Marriot Whitefield Bengaluru, India's one of leading destination developers with business diversified from real estate to retail, to hospitality, to retail development, bags yet another award for its stunning JW Marriott Mumbai Sahar. As a front-runner in the hospitality industry and in continuing to be committed to the green cause, it was only logical to extend to customers the sustainable benefits of a green

hotel. The project has achieved a rating of 66 points in the final certification review of the IGBC's (Indian Green Building Council LEED 2011 for India.

Guests residing at the hotel become part of the larger sustainable cause which has multi-fold benefits. Each of them, as aware citizens, contribute towards curbing global warming as this hotel draws less power from the coal-based power plant and less water from the BMC administered lakes.

Shabbir Kanchwala, Senior Vice President, K

Raheja Corp, said, "At K Raheja Corp, we have been committed to the green cause, and it is our endeavour to ensure each of our offerings has a positive impact on the environment and the society at large. The certifications are a reiteration of the good work we do and encourage us to strive to achieve more in this sector. We remain staunch evangelists of the green cause and believe that the healthiest way forward is with the imbibing of sustainable business practices."

INTERVIEW: K Raheja Corp



reducing operating cost in terms of lesser energy and water bills for the end users but also build a reputable corporate image amongst developers. The Government of India is offering various incentives like fast track approval for green building projects, which will definitely help developers commence and conclude projects within stipulated deadlines.

In conjunction with the above, there are opportunities with new technology that has been successfully executed in the international markets and making an entry into India. Some of these include:

- **Geothermal energy:** A promising renewable source because it relies on heat energy from within the earth, which varies little from place to place, in contrast to solar and wind power limitations.
- **Radiant cooling:** A popular choice for net-zero energy structures due to its ability to balance energy consumption and renewable energy creation.
- **Solar façade:** A system to generate energy through solar power. Building a photovoltaic facade is a fully integrated system with no visible add-ons. It is suitable for new buildings and renovation and can be used in office, commercial, industrial and residential construction.
- **Green natural roof:** A century-old traditional building technique where natural, local materials were used to provide shelter from the cold, the rain, the sun and the wind. The

We, at K Raheja Corp, have been ahead of the curve in the green development sector.

ecology-sensitive design helps buildings blend back into their environment.

Green buildings also make good business sense, delivering return on investments within 3-4 years. Though the use of new technology might see additional effort and funds required in the construction of a green building, the rewards of these are far higher and satisfying. Use of technology helps in the green efforts, benefiting workforce and society as a whole, reducing operating costs and elevating brand value.

Do you think that developers are using “green” as a tool to market themselves?

Marketing is a major driver for any developer, and green buildings and technology have now become an essential for an effective marketing strategy. Initially, all developers treated “green” as a marketing tool, but they all lacked a green ambition and were not totally convinced about its potential. Now there's

actually a positive trend and benefits of green building can be seen by the developers. Companies are also seeing an upward trend for the requirement of green offices and affirming their social responsibility.

India has three primary rating systems, including GRIHA and IGBC. You are also an integral part of several rating organizations. How important are these ratings systems? Do they have a right approach to sustainability?

All the rating systems are important and have different criteria for evaluation. GRIHA, for instance, assess a building out of a total of 34 criterion and award points on a scale of 100. Whereas IGBC rates new residential buildings which include construction categories, such as individual homes, high-rise residential apartments, gated communities, row houses, existing residential buildings and redesigned in accordance with the IGBC Green Homes criteria.

GRIHA and IGBC green rating systems encourage selecting materials, which are available locally and have recycled content and good thermal resistance properties. This proposition adds value to the project and does not have an impact on the overall project cost.

Tell us about the landmark green projects you have been associated with.

One of our landmark green projects is Mindspace Building No 1 located in SEZ campus in Airoli, Navi Mumbai. It is conceptualized as a state-of-the-art green building which is multi-storied and multiple occupancy building developed by the group.

The project has received LEED Core and shell GOLD rating from the Indian Green Building Council. The configuration of the building is still floor to the third floor allotted to parking space, and from the fourth floor to the eleventh floor is dedicated to office space.

There are major parameters which are followed and have resulted in the reduced electricity consumption in the HVAC system of Airoli Mindspace office building. The tangible benefit is in the reduction of operating energy cost right from day one during the entire life cycle of the building. Intangible benefits like enhanced ventilation, better views and daylighting that improve the productivity of the occupants. Even though a green platinum building costs 10-15 per cent higher than the conventional building, the payback period would be 3-4 years with a reduction in operational costs. It promotes environmental, economic and social benefits while protecting the needs of future generations. ■

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Our forthcoming edition contemplates the evolution of sanitaryware in the luxury segments. So stay tuned in for our May'16 edition.

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