



हैदराबाद मैपसेट्स (प्रा०) लिमिटेड

Phone : 5432854

HYDERABAD MAPSETS PVT. LTD.

MAPPING AND PHOTOGRAMMETRIC SURVEY ENGINEERING TECHNICAL SERVICES

Head Office : 306, Aditya Commercial Complex, Nangal Raya, New Delhi-110046

REF. No. 357/HMPL/91

Dated 4.7.1991

TO WHOM IT MAY CONCERN

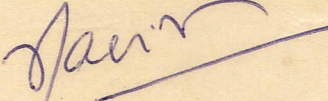
This is to certify that Sh. RAJENDER PRASAD S/o Sh. KALI RAM is working in this organisation since ^{Jan 1st} September 1989. As a Assistant Manager (Survey). He is drawing Rs. 1900/- + allowances as per company's rules towards monthly salary.

He is having good experience in all kinds of Topographical, Triangulation, Photographic and Land Surveys. He has worked on No. of site surveys. Alignment Surveys of Road and Railways. Now he is working on KONKAN RAILWAY PROJECT at RATNAGIRI.

He is hard working and sincere his character is good to the best of my knowledge and belief.

I wish him the best in life.

Yours sincerely
for Hyderabad Mapsets (P) Ltd.


(NAVIN CHANDRA)
DIRECTOR

The Bentley Institute

presents this

Certificate of Accomplishment

to

Mr. R. P. Goel

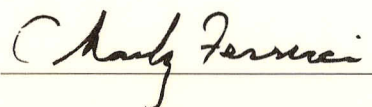
IJM (India) Infrastructure Ltd.

upon successful completion of

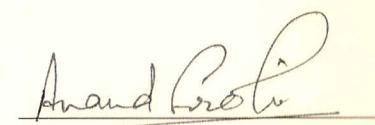
Training on

MXROAD MAX


21-Jul-04 to 24-Jul-04



Charley Ferrucci
Vice President, Bentley Institute
Bentley Systems, Incorporated



Anand Sirohi
Professional Services Manager
Bentley Systems India Pvt. Ltd.



Bentley Institute

The Bentley Institute

presents this

Certificate of Accomplishment

to

R.P. GOEL

IJM India infrastructure limited

upon successful completion of

Training on

MX ADVANCED TRAINING

30-Nov-05 to 1-Dec-05

Charley Ferrucci

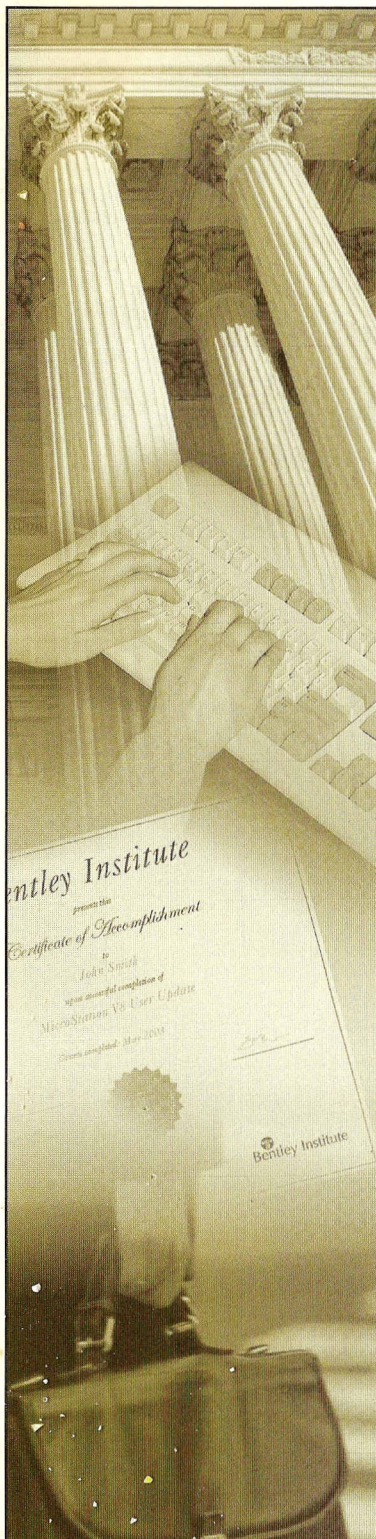
Charley Ferrucci
Vice President, Bentley Institute
Bentley Systems, Incorporated

Ashit R Gandhi

Dr. Ashit R. Gandhi
Director, Professional Services
Bentley Systems India Pvt. Ltd.




Bentley Institute





M.J.Price
Chief Surveyor,
S.M.E.C. International
Australia
e-mail mike.price@smec.com.au

November 17, 1999

Letter of Recommendation for Mr. Rajender P Goel, Survey Manager

To whom it may concern,

As Chief Surveyor for SMEC International, I have been involved in international projects for over 20 years. I have variously worked in Indian, Pakistan, Nepal and Bhutan regions on a range of projects for over 5 years, and so have become familiar with the surveys produced here, and what is achieved internationally.

Mr. Goel has worked full time for SMEC International, initially as a Senior Surveyor and then as Survey Manager. Starting with us as a sub-consultant on the 4th September 1995 and then as a full time employee from the 15th October 1996. Mr. Goel has been part of our survey team for over 4 years. Due to re-scheduling and consequently long delay in our current project I have had to very reluctantly let Mr. Goel go, but hope to retain his services in the future

Mr. Goel has developed into a highly valued member of our Project Team, as Survey Manager/Senior Surveyor, he was responsible for field planning, execution and daily management of up to 7 survey teams. Mr. Goel is very competent, reliable and a hard worker, who particularly demonstrated a great deal of innovation in solving technical and field management problems. He was also responsible for management and accountability of the field survey finances that averaged expenditure in excess of one lak a month and demonstrated reliability in this area.

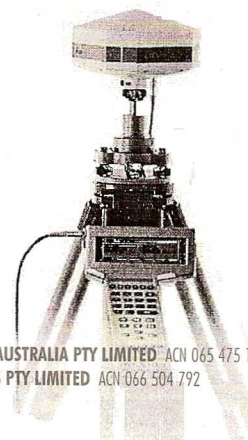
He commenced work with us on the Andhra Pradesh State Highway Project (APSHP), under World Bank finance for the execution of 1400 km of detailed survey for design and the Orissa State Road Project (OSRP), also under World Bank finance. This also involved the detailed survey of some 700 km of roadway. Both the highway projects also involved establishment of the design centerline and Right of Way marking. All were completed within the contract schedule and to a high standard.

The APSHP and OSRP detailed surveys were undertaken using total stations with hand held and on-board data recording, in-field downloading and computation using Civilcad software, a dedicated survey and terrain modeling package. GPS and digital leveling were used to control the traverse framework. The surveys were undertaken with a requirement for a high standard of accuracy, data reliability and efficient output, managed under an established "Survey Quality Plan". These requirements encompassed, coding and stringline standards, daily instrument calibration checks, error control and verification surveys. An important component of our work involved an emphasis in quality output, and in imparting to our surveyors the source and magnitude of errors, in calibration, observation and recording.

Mr. Goel became proficient with the use of the Civilcad survey/design software and also developed and wrote many basic programs as an interface between the observed digital data and the computation software. Instruments used were SOKKIA SET2C (with SDR33), Topcon GTS4 (with FC5), Topcon 303 (with FC5), Topcon GTS7 and Leica TCR1105, both with on-board recording. He also undertook level control with the NA2002 digital level. Mr. Goel assisted myself, and also undertook differential-GPS observations for control works, and gained a basic understanding in this area.

I would strongly recommend R.P. Goel as a competent and reliable surveyor and individual, and wish him every success in the future.


M.J.Price



SMEC HOLDINGS LIMITED ACN 057 274 049 SNOWY MOUNTAINS ENGINEERING CORPORATION LIMITED ACN 008 654 224 SMEC AUSTRALIA PTY LIMITED ACN 065 475 149
SMEC INTERNATIONAL PTY LIMITED ACN 065 440 619 SMEC OPERATIONS PTY LIMITED ACN 065 474 428 SMEC SERVICES PTY LIMITED ACN 066 504 792
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(भारत सरकार का उपक्रम)

INDIAN RAILWAY CONSTRUCTION COMPANY LTD.

(A Government of India Undertaking)

DELHI-MATHURA HIGHWAY PROJECT (UP SECTOR)

कार्यालय जनरल मैनेजर (रोड)

एफ-४ व ५, माधवपुरी

मथुरा (उ० प्र०)

दूरभाष एवं फैक्स : ०५६५-४०५६७२/४०६६८०

OFFICE OF GENERAL MANAGER (ROADS)

F-4 & 5, MADHAVPURI

MATHURA (UP)

PH. & FAX. 0565-405972/409680

NO. IRCON/NH2/UP/457/PF/RPG/857

7TH JULY 1995.

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Shri R.P. Goel, S/o. Shri Kali Ram has worked in this project from 19th June 1992 to 07 July 1995 as a Surveyor. I found him to be very Proficient in his trade, Disciplined and a Sincere worker. He has done exceedingly well. Has good knowledge of computers and preparation of computer aided drawings.

He is leaving this job on his own accord and we wish him success in future.

(Col. Paramjit Singh (Retd.))
General Manager (Roads)

पंजीकृत कार्यालय : पालिका भवन, सेक्टर-13 आर. के. पुरम, नई दिल्ली-110066

Regd Office : PALIKA BHAWAN, SECTOR XIII, R. K. PURAM, NEW DELHI-110066

तार CABLE रेलकान्सट RAILCONST दूरभाष TEL. +91 (11) 609970-73 and 602518-19

टैलेक्स : TELEX-031-3182005, 031-3172379, 031-3182035

Tel. 02352 - 3438.

Konkan Railway Corporation Ltd.

(A Government of India Undertaking)

Office of the Chief Engineer (South), Lanjekar Compound, Phanshi Baug,
Udyam Nagar, Ratnagiri - 415 612.

S.C. Gupta
IRSE
Chief Engineer.

TO WHOMSOEVER IT MAY CONCERN

Shri. Rajendra Prasad Goel was incharge of the survey team to survey railway alignment of Konkan Railway Corporation. He is well-versed with the intricacies of survey in hilly terrain. He is a very intelligent, sincere and hard working engineer. I foresee a very bright future for him. Wherever he will go he is going to perform well.


(S.C. GUPTA)
Chief Engineer,
Ratnagiri (South).

3/12/91