



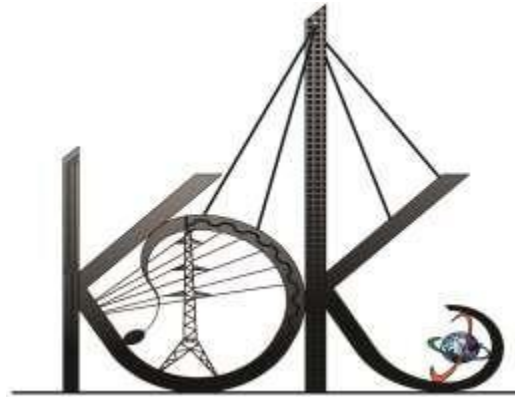
“Service to the Society through Quality Technical Education”

KDK College of Engineering, Nagpur

(Accredited by NAAC & NBA-CE,EE,ME,ETC,CSE)

Approved by AICTE, Recognized by UGC under Section 2(f) of the UGC Act, 1956

Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University



Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year 2019-20

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*E-copies of the grant award letters for sponsored research projects
/endowment*

Sr. No.	Title of Projects	Page No.
1	Student Projects on MSME Live Problems.	3



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E-copy

 Grade - A Estd : 1984	Backward Class Youth Relief Committee's K.D.K.COLLEGE OF ENGINEERING Great Nag Road, Nandanvan, Nagpur - 440 009. Approved by AICTE New Delhi, Directorate of Technical Education, M.S. Mumbai & Affiliated to R.T.M. Nagpur University, Nagpur. Ph : (0712) 2711400, 2710030, Fax : (0712) 2713658 Email- kdkce4147@gmail.com, kdkce_ngp9@bsnl.in ; Web Site - http.www.kdkce.edu.in	D.T.E. College Code 4147
Dr. Devendra P. Singh Principal		Dr. Avinash M. Badar Vice Principal
VISION : Service to the Society Through Quality Technical Education		
Ref. No. : KDKCE/MSME/GIZ/3563/2019		Date : 19/03/2019
Proposals		
Students Innovation Projects on MSME live Problems by Karmaveer Dadasaheb Kannanwar College of Engineering , Nagpur		
College Introduction :- The Karmavir Dadasaheb Kannanwar College of Engineering , situated in the heart of India in Nagpur city, established in 1984 by Backward Class Youth Relief Committee (BCYRC) is one of the leading Engineering Colleges in Maharashtra State. Government of Maharashtra has conferred 'A' Grade to the Institute on the basis of excellence & adequate infrastructure as well as academic achievements of students and faculty. It is approved by AICTE New Delhi and accredited by The Institute of Engineers (India). The College is recently NAAC accredited and accredited twice by National Board of Accreditation (NBA) . The college successfully continues to attract attention of scholars from all over the subcontinent. The college runs Six courses under graduate (Civil/Mech./Elec./Etrx./C.T./I.T.) and Three postgraduate courses i.e. Mechanical Engineering(Mechanical Engineering Design), Civil Engineering (Structural Engineering) and Master of Business Administration along with Ph.D Programme. The institute has been granted with Rs. 65 Lac for incubation centre by ministry of MSME, New Delhi.		
Approach: K.D.K. Engineering College has identified 16 SMEs from Nagpur which can collaborate with us to address their challenges. K.D.K. Engineering College would follow the following guidelines (developed by Project) to solve these problems:		
I. Identification of potential partner SMEs: K.D.K.C.E. has approached the predefined SMEs list in its expertise areas. K.D.K.C.E. has visited 20 Nos of SMEs,		



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out of which 16 SMEs agreed to share their problems and asking K.D.K.C.E. to develop some solution for those problems:

Following are the MSME list, and Nos of Projects identified from each MSMEs, total 22 projects would be undertaken by K.D.K.C.E. Project teams.

Sr. NO.	MSME Name	Nos of Projects
1	Ujwala Plastic Industries	2
2	Automation Control	3
3	Ecomate Solution Pvt. Ltd.	2
4	SA Enterprises (Plastic Recycling Industry)	2
5	ZERO SYSTEM	2
6	Shashwat Packaging	1
7	Anup Engineering Works	1
8	ASK Industries, Nagpur	1
9	Imperium Enterprises(Furniture Industry)	1
10	Kinetic Gear	1
11	Lehonn	1
12	Palkar Industries	1
13	Parth Enterprises	1
14	RAKSHAK ELECTRONICS	1
15	SV ENTERPRISES	1
16	Windsun Renewables P Limited	1

K.D.K.C.E. would engage a team of faculty and students to complete the 22 projects from 16 MSMEs in Nagpur.

- 2. Project team formation:** As per the expertise requirement to solve SMEs problems, K.D.K.C.E. has assigned each project to a multidisciplinary team of students. This project teams would be mentored by a faculty guide, which has required knowledge and expertise in project area.

Project Team Constituent	Nos.	Role
Coordinator College level	01	To Coordinate among SMEs and Project Teams- Dr. C. C. Handa Coordinator
Mentors to Guide the Project Teams	13	Provide Mentorship to complete Projects in SMEs
Students Project Teams	22	Work on Project to develop solution

- 3. Project Execution and implementation:** Project team in close association with respective SMEs would develop some solution to address the problems and implementation would be done in respective SMEs.

Project implementation cost would be borne by respective SMEs, once the solution developed by Project team is agreed upon between college and SME.

Time line: Each Project Time line is of 3 months and all project to be completed by June'19.

Note :- Additional fund if any required for same particular period will be discussed separately.

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Technical fee for Project Implementation:

To successfully implement the selected projects in MSMEs, following technical fee structure is proposed by K.D.K.C.E.

Project Team Constituent	Nos.	Fee in INR
Coordinator College level	01	30,000
Mentors to Guide the Project Teams	13	1,30,000
Students Project Teams (2-5 Students per team) & Support	22	50,000
Total fee in INR		2,10,000 INR

To make all project successfully implementable in MSMEs, College may also contribute the equal amount for projects teams.

Deliverable: All Project team would submit the final project reports to GIZ and would attend all project monitoring and review meetings, whenever organize by GIZ.

Payment Term: 40% advance at the time of contract signing and 60% after submitting the final project reports. With final report, payment receipt from coordinator, mentors and students will be submitted.

Dr. C.C. Handa
Co-ordinator
Professor & Head
Dept. of Mech. Engg.,
KDKCE, Nagpur

Dr. A.M. Badar
Vice-Principal
KDKCE, Nagpur

Dr. D.P. Singh
Principal
KDKCE, Nagpur
Principal
K. D. K. College of Engg.
NAGPUR



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Contract for Consulting Services

giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Contract number: 005/2019/SME INNO
Project: SME INNOVATION
Project number: 13.2114.0.001.00
Processed by: GEETA DATTA

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
Registered offices
Bonn and Eschborn, Germany
Friedrich Ebert-Allee 36 + 40
53113 Bonn, Germany
T +49 228 44 60-0
F +49 228 44 60-17 95
Dag-Hammarskjöld-Weg 1 - 5
55760 Eschborn, Germany
T +49 61 96 79-0
F +49 61 96 79-11 15
E info@giz.de
I www.giz.de
Registered at
Local court (Amtsgericht)
Bonn, Germany
Registration no. HRB 18384
Local court (Amtsgericht)
Frankfurt am Main, Germany
Registration no. HRB 12394
Chairman of the Supervisory Board
Martin Jäger, State Secretary
Management Board
Tanja Göner (Chair)
Dr Christoph Baier (Vice-Chair)

Based on the General Terms of Contract (local) the present Contract is concluded between Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, represented by

GIZ OFFICE, New Delhi
B5/1 Safdarjung enclave
New Delhi 110 029
Ph: 011-49495353

(hereinafter referred to as "GIZ")

(hereinafter referred to as "GIZ")

and

K.D.K College of Engineering,
Great Nag Road, Nandanvan,
Nagpur 440009
Phone 0712-2711400 / 8446200666

(hereinafter referred to as "Contractor")

Form 41-05-13.en



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Contract for Consulting Services

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

Contract no. 005/2019/SME Inno

1. Purpose of the Contract

Students Projects on MSME live Problem.

2. Terms of Reference

The Contractor undertakes to perform the services listed in the Special Agreements (Annex 1). The Special Agreements shall constitute an integral component of this Contract.

3. Assignment of Personnel

In order to perform the services, it is anticipated that during the period from 01.06.2019 to 31.08.2019 the Contractor shall assign the experts to do the assignment.

4. Reports/appraisals

Reporting/submission of the study/the handover of work is governed by the Special Agreements (see Annex 1).

5. Remuneration

For the performance of services the Contractor shall be remunerated as follows:

<u>Item</u>	<u>Quantity</u>	<u>Fee Rate</u>	<u>Mode of payment</u>	<u>Total</u>	<u>Currency</u>
Coordinator fee	01	30000	Lump sum	30000	INR
Mentor fee	13	10000	Lump sum	130000	INR
Students	22		Lump sum	25000	INR
			up to	185000	INR

Total remuneration

(in words: One lakh eighty-five thousand only)

All obligations arising from this Contract are deemed settled herewith.

6. Payments

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Contract for Consulting Services **giz** Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Contract no. 005/2019/SME Inno

Payment shall be effected in two instalments.

Upon conclusion of this Contract an advance payment of 74000 INR shall be affected.

The final payment in the amount of up to 110000 INR shall be affected following the performance of services, submission of reports (see Special Agreements), acceptance of services performed, and invoicing.

The invoice shall be submitted in original.

7. Other provisions

7.1 The Contractor shall carry out project accounting in keeping with the principles of proper bookkeeping.

7.2 GIZ shall have an unrestricted right to examine the project accounts at any time. This shall not affect the obligation of the Contractor to submit original vouchers.

8. General Terms of Contract

8.1 The Special Agreements shall constitute an integral component of the Contract.

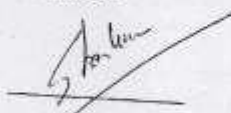
8.2 The General Terms of Contract (local) shall constitute an integral component of this Contract. The Contractor hereby declares that it is familiar with the General Terms of Contract (local).

8.3 The Contract shall be drawn up in two originals. The Contractor shall receive one original.

8.4 All modifications to this Contract shall be made only in writing.

NEW DELHI, 1.06.2019

For the GIZ




Shankar Kumar
Technical Advisor
SME Inno

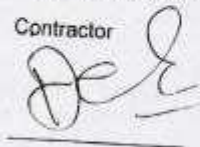
Annexes

Nagpur, 04.07.2019


Contractor



Chaman Lal
Programme Director
SME Inno



AAATR1267E
K. D. K. College of Engg.
NAGPUR



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Invoice from Appraiser or Consultant and confirmation of furnishing of services by the officer responsible for the contract and cooperation

INVOICE (2 pages)

to GIZ Office, New Delhi

B 5/1 Safdarjung Enclave, New Delhi- 110029

Invoice Date : 28.03.2019	Invoice No. 014I201BISME Inno/02
---------------------------	----------------------------------

Appraiser/Consultant (name and full address) K. D. K. College of Engineering, Great Nag Road, Nandanvan, Nagpur 440009 Phone 0712-2711400 / 8446200666	Payment Mode <input type="checkbox"/> Bank Draft <input type="checkbox"/> Cheque (Delhi only) <input checked="" type="checkbox"/> Transfer to Bank Account Bank Details: Name of A/c. :- K. D. K. College of Engineering, Nagpur A/c. No. :- 34433632458 Account Type :- Saving Bank Name :- State Bank of India Branch :- Wardhaman Nagar, Nagpur – 40008 Branch Code :- 04119 MICR Code :- 440002029 IFSC Code :- SBIN0004119 GST Registration No : _____ PAN No :- AAATB1267E
---	---

Bank details are complete only if accompanied by account title, name & address of bank, with account number.

- Request for an advance payment (please only fill lines 1, 4, 10 & 13)
 Partial Invoice
 Final Invoice

Period invoiced:Sept'18 to 28th Feb-2019

Mandatory information! Available on your contract!! (First three bits of information on the contract document!!!)

Contract no. 005/2019/SME INNO	Project : MSME INNOVATION	Project Number: 13.2114.0-001.00
--------------------------------------	------------------------------	-------------------------------------

If this is a request for Advance Payment then please fill only rows 1, 10 & 13)

Particulars	Amount (Rs.)	Reserved for GIZ
1.1 Fees		
1.2 Travel (indicate amount / Nil if there is no claim)		
2 Lump sum according to contract		
3 Fees	1,85,000	

HEAD
Deptt. of Mech. Engrg.
K.D.K. College of Engrg., Nagpur-09



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	Coordinator: 30,000 Mentors: 1,30,000 Students: 25,000		
4	GST (as applicable)	0	
5	Daily allowances (Lumpsum) Dates: Number of days:.....x daily rate Number of days:.....x reduced daily rate	0	
6	Accommodation allowances (Lumpsum) Dates: Number of nights:.....x rate/ night or Actual cost according to attached hotel invoices (room charges + taxes)	0	
7	Air / train ticket (please supply documentary evidence)	0	
8	Travel cost (airport tax, taxi etc.) (if not lump sum, please supply documentary evidence)	0	
9	Other reimbursement according to contract (if not lump sum, please supply documentary evidence)	0	
10	Gross Total	1,85,000	
11	Tax Deducted at source (as applicable)		
12	Deduction of advance payment (if any, formerly received under this contract)	74,000	
13	Net Payment	1,11,000	

Mandatory fields

28.03.19	Nagpur	
Date	Place	Consultant's Signature

Principal
K.D.K. College of Engg
NAGPUR

Confirmation of Services

(Not applicable to advance payments at signing of contracts)

To be filled by the officer responsible for commission

Services have been delivered/ results provided according to the contract

- in full
- only partially (please comment)
- no (please comment)

Comments:

AV/AP name	Date	Signature
------------	------	-----------

[Handwritten signature]

HEAD
Deptt. of Mech. Engg.
K.D.K. College of Engg., Nagpur-09



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Financial Support for MSME Project (College Name)					
Coordinator					
Sr. No.	Name	Email -id	Amount	Signature (I have received amount for working on MSME Project)	
1.	Dr. C. C. Handa	chandrahashanda@rediffmail.com	30000/-		
Mentors					
Sr. No.	Name	No. of Projects	Email -id	Amount	Signature (I have received amount for working on MSME Project)
1.	Dr. C. C. Handa	06	chandrahashanda@rediffmail.com	30000/-	
2.	Dr. R. H. Parikh	01	rh_parikh@yahoo.co.in	10000/-	
3.	Dr. S. K. Choudhary	01	skc14763@gmail.com	10000/-	
4.	Dr. A. V. Vanalkar	02	avanalkar@yahoo.co.in	30000/-	
5.	Prof. V. N. Mujbaile	01	mujbailevn@gmail.com	20000/-	
6.	Dr. S. R. Ikhar	01	sanjay_ikhar@rediffmail.com	10000/-	
7.	Dr. P. R. Gajbhiye	01	g_pankaj123@rediffmail.com	10000/-	
8.	Prof. A. P. Ninawe	01	free1rhyme@rediffmail.com	10000/-	
9.	Prof. V. D. Dhopte	01	vikrantdhopte@gmail.com	10000/-	
10.	Prof. M. S. Shelke	01	shelkemayur34@gmail.com	10000/-	
Students					
Sr. No.	Name	Amount	Signature (I have received amount for working on MSME Project)		
1.	Amol Kale	5000/-			
2.	Kauthubh A. Vanalkar	5000/-			
3.	Tejpal Parshionikar	5000/-			
4.	Shubham Ambule	5000/-			
5.	Jigar Patel	5000/-			



HEAD
Deptt. of Mech. Engg.
K.D.K. College of Engg., Nagpur-49.