



Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
NAAC Accredited, 2(F) Status Institution by UGC



Date: 05.10.2023

To

Ruby Enterprises
6/8 Anna nagar
Ramachandra Nagar
Edamalaipatty Pudur
Trichy-620 012

Respected Sir,

Sub: Request letter for Fabricating Work in our college -Reg

We have latest technology machines like Lathe, Milling, Drilling , Boring and CNC machines. For consistently executing great work, we have well knowledged Faculty members . We wish your company may fabricating your products in our college by utilizing our latest machines.

Thanking You

Principal
Indra ganesan college of Engineering
Manikandam
Trichy-12

Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.

GSTIN : 33AJPV1895R1Z7
PAN No. : AJPV1895R



E-mail : vinorubiy23@gmail.com
Cell : + 91 96776 02314
+ 91 99525 42314

RUBY ENTERPRISES

No. : 6/18, Anna Nagar, Ramachandra Nagar, Main road, Edamalaipattipudur, Trichy-620 012.

Fabricators & Erectors, All type of M.S. & S.S. Vessels, Tank, Pipe Lines, Structural,
Electrical Work, Plumbing & Manpower Supply Jobs

Date:03/10/2023

To

The Principal

Indra Ganesan College of Engineering

Trichy

Dear Sir/Madam,

Subject: Enquiry regarding consultancy work brochure – Jig and fixture fabrication work – reg.

Thank you for sharing the Consultancy Work pamphlet of Indra Ganesan College of Engineering. We are particularly intent to know in your job proficiency of jigs and fixtures fabrication work and would like to examine further about this service.

Kindly provide information on the budget cost details for the jigs and fixtures fabrication work.

Sincerely,

For RUBY ENTERPRISES


Proprietor


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal

Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012



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Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012
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Date: 05.10.2023

To

Ruby Enterprises
6/8 Anna nagar
Ramachandra Nagar
Edamalaipatty Pudur
Trichy-620 012

Respected Sir,

Sub: Submission of Quotation for Fabrication Work -Reg

Greetings from Indra Ganesan college of Engineering!!!

With reference to your letter dated 03/10/2023, we would like to inform you that the Jig and fixture fabrication charges for the following Job work is furnished here

S.No	Types of work	Unit (Nos)	Per piece (Rs)	Total (Rs)
1	Jig and fixture fabrication work	8	14,000	1,12,000
Total			Rs-1,12,000	

Thanking You

Principal

Indra ganesan college of Engineering
Manikandam
Trichy-12

Dr. G. Balakrishnan, M.E., Ph.D.,
Principal

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IG Valley, Madurai Main Road
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RUBY ENTERPRISES

No. : 6/18, Anna Nagar, Ramachandra Nagar, Main road, Edamalapattipudur, Trichy-620 012

Fabricators & Erectors, All type of M.S. & S.S. Vessels, Tank, Pipe Lines, Structural
Electrical Work, Plumbing & Manpower Supply Jobs

Ref:-

Date: 07.10.2023

To

The Principal
Indra Ganesan college of Engineering
Manikandam
Trichy-620 012

Dear Sir/Madam,

Subject: Sanction Reply-Cost Estimation for Jig and fixture fabrication work for Valve bonnets (9days)

I hope the letter finds you well; this is to inform you that we have sanctioned the budget for the Machining and fabrication work as per the proposed amount RS-1, 12,000; we believe that the services offered by your college will meet our requirements and provide valuable insights for our upcoming project we appreciate the transparency and details provided in the cost estimation.

Kindly proceed with the necessary arrangements to initiate the Fabrication process. If you require any further information or clarification feel free to contact us.

Sincerely,


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal

Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.

For RUBY ENTERPRISES


Proprietor

RUBY ENTERPRISES

6/18, Anna Nagar,
Ramachandra Nagar Main Road
Edamalapatti Pudur,
Trichy - 620 012



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Date: 15.10.2023

To

RUBY Enterprises,
No.: 6/18, Anna Nagar,
Ramachandra Nagar Main road,
Edamalaipatti pudur, Trichy - 620 012.

Respected Sir,

Sub: Completion of Consultancy Project
Reg.Ref: Letter dated **05.10.2023**

Greetings from Indra Ganesan College of Engineering!
We are pleased to inform you that we have successfully completed the project
" Jig and fixture fabrication work ". Herewith, we are sending the project
Proposal document. We are happy to invite your team to visit our campus for
their view of the project.

Looking forward your response.

Kindly make arrangements and expecting your co-operation.

Principal

Indra Ganesan college of Engineering
Manikandam
Trichy-12

Dr. G. Balakrishnan
Principal

Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Tiruchirappalli - 620 012.

Madurai Main Road,
NH-45B, Manikandam
Tiruchirappalli - 620 012
Tamil Nadu, South India

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igceprincipal@gmail.com

Vision of Success Mission of Achievement



Indra Ganesan

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DEPARTMENT OF MECHANICAL ENGINEERING

CONSULTANCY PROJECT WORK

REPORT

JIG AND FIXTURE FABRICATION WORK

SUBMITTED

TO

Ruby Enterprises

6/18 Anna nagar

Ramachandra Nagar

Edamalaipatty pudur

Trichy-620 012

REPORT DATE : 10.11.2023


Dr. G. Balakrishnan, M.E., Ph.D.
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.

CONSULTANCY TEST REPORT

Date : 10.11.2023
Sample supplied : Jig and fixture
Test conducted : Fabrication Work

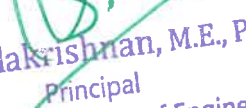
Operation Description

The part was formed by casting. To obtain the desired final product, further machining processes need to be done. The operations listed below are to be carried out.

- i. Drilling operations
 - a. Drilling two holes with ϕ 0.375 inches
 - b. Drilling a hole with ϕ 0.75 inches
- ii. Milling operation 1
 - a. Milling of surface of two 0.375 inches holes
 - b. Milling of surface of two 3.500 x 0.800 inches
 - c. Milling of surfaces 2.500 x 0.800 inches
- iii. Milling Operation 2
 - a. Milling of surfaces 3.500 x 2.500 inches
- iv. Milling Operation 3
 - a. Milling of surfaces of 0.700 inches holes

S.No	Types of work	Unit (Nos)	Per piece (Rs)	Total (Rs)
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Total			Rs-1,12,000	


Principal


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Principal
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Date : 31/07/2023

UTILISATION CERTIFICATE

Certified that an amount of Rs.1,12,000/- (One Lakh and Twelve Thousands only) sanctioned during the year 2023 in favor of mechanical engineering received from Ruby Enterprises Consortium has been utilized for the project consultancy work titled "Jig and fixture fabrication work". The purpose for which it was sanctioned has been duly fulfilled and delivered as per the conditions of the grant.


PRINCIPAL

Indra Ganesan college of Engineering
Manikandam
Trichy-12


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
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