



Indra Ganesan

COLLEGE OF ENGINEERING
Madurai Main Road (NH-45B), Manikandam, Trichy-12.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

To

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

Respected Sir,

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

We have latest technology machines like Lathe, Milling, Drilling, Boring, welding machines and CNC machines. For consistently executing great work, we have well know ledged Faculty members. We wish your company may fabricate your part of Jig and fixtures 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. : AIJPV1895R



E-mail : vinarubiya3@gmail.com
Cell :- 91 96776 02314
- 91 99525 92314

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: 04/04/2019

To
The principal
Indra Ganesan College of Engineering
Trichy

Dear Sir/Madam,

Subject: Explorations regarding consultancy endowment work – jigs and fixtures 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.



Indra Ganesan

COLLEGE OF ENGINEERING

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



Date: 09/04/2019

To

RUBY Enterprises,
No.: 6/18, Anna Nagar,
Ramachandra Nagar Main road,
Edamalaipatti 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 04/04/2019, 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	5	12,000	60,000
Total				Rs-60000 (Sixty thousand hundred only)


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

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

Thanking You

GSTIN : 33AJPV1895R1Z7
PAN No. : AJPV1895R



E-mail : vinorubiyaz3@gmail.com
Cell : - 91 9677602314
- 91 9952582314

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's
Electrical Work, Plumbing & Manpower Supply Jobs

Indra ganesan college of Engineering
Manikandam
Trichy-12

Ref.:-

Date: 09.04.2019

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
(10days)

I hope the letter finds you well; this is to inform you that we have sanctioned the budget for the Machining work as per the proposed amount RS-60000; 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.

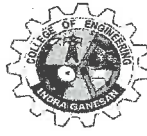
Sincerely,

For RUBY ENTERPRISES

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

RUBY ENTERPRISES

No. 6/18, Anna Nagar,
Ramachandra Nagar Main Road



Date:16/05/2019

To
RUBY Enterprises,
No.: 6/18, Anna Nagar,
RamachandraNagar Main road,
Edamalaipattipudur, Trichy – 620 012.

Respected Sir,

Sub: Completion of Consultancy Project
Reg.Ref:Letterdated15.05.2019

Greetings from Indra Ganesan College of Engineering!

We are pleased to inform you that we have successfully completed the project "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, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.



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DEPARTMENT OF MECHANICAL ENGINEERING

CONSULTANCY PROJECT WORK
REPORT

JIG AND FIXTURE FABRICATION WORK

SUBMITTED

TO

RUBY Enterprises,

No.: 6/18, Anna Nagar,

Ramachandra Nagar Main road,

Edamalaipattipudur, Trichy – 620 012.

REPORT DATE :15.05.2019

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

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

Date : 15.05.2019
Sample supplied : Valve bonnets
Test conducted : Jig and fixture fabrication work

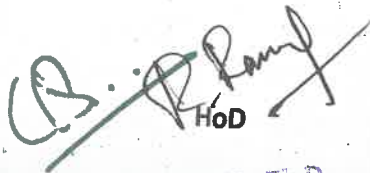
Operation Description

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 $\phi 0.375$ inches
 - b. Drilling a hole with $\phi 0.75$ 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)
1	Jig and fixture fabrication work for Valve bonnets	5	12,000	60,000
Total				Rs-60,000 (Sixty thousand only)

Test Conducted


HoD


Principal

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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Date: 15/05/2019

UTILISATION CERTIFICATE

Certified that an amount of **Rs.60,000/- (Sixty Thousand only)** sanctioned during the year 2019 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.


PROJECT INVESTIGATOR


PRINCIPAL

Indra Ganesan college of Engineering

NH 45b, Madurai Main Road

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.