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OFFICE OF THE PRINCIPAL, GOVERNMENT POLYTECHNIC, JAGATSINGHPUR  
AT-JAMUGAON, BLOCK-NAUGAON

No. \_\_\_\_\_ Dated \_\_\_\_\_

To

List overleaf

Sealed quotations are invited from different publishers / authorised dealers having up to date GST Clearance, TIN number, PAN etc. for supply of library books for the diploma engineering curriculum. They should quote the maximum discount that can be offered on books of different publishing houses.

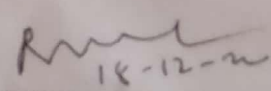
The sealed quotations with all the terms and conditions should reach the office of the undersigned on or before 04<sup>th</sup> January 2021 by 3.30P.M by post or by hand. The quotations will be opened on the same day at 4.00 P.M in presence of the bidders or their representatives present if any. The cover containing the quotations should be super scribed "QUOTATION FOR LIBRARY BOOKS". Quotations received after the due date and time will be rejected.

The books ordered have to be delivered at the Library of the institute and payment will be released after the verification of the books supplied. The undersigned reserves the right to cancel any or all of the quotations without assigning any reason there off.

PRINCIPAL  
GOVERNMENT POLYTECHNIC  
JAGATSINGHPUR

Memo No. 764<sup>(5)</sup> /Dt. 18.12.2020

Copy to the institution notice board /Collector & D. M. Jagatsinghpur/D.E.O., Jagatsinghpur/Institute website/DTE&T, Odisha, Cuttack /DTE&T website/G.M DIC Jagatsinghpur for the information of public.

  
PRINCIPAL  
GOVERNMENT POLYTECHNIC  
JAGATSINGHPUR

Memo No. \_\_\_\_\_ Dt. \_\_\_\_\_

Copy to all the purchase committee members for information. They are requested to make it convenient to attend this office for the opening of quotations and finalisation.

PRINCIPAL  
GOVERNMENT POLYTECHNIC

Principal

The following requisition for books is given by all the HODs for 3<sup>rd</sup> & 5<sup>th</sup> Semester and the list of 4<sup>th</sup> & 6<sup>th</sup> Semester books, which were not purchased during last quotation, is also attached with it. It may be approved and processed.

D.F.A

List of Books to be supplied

Books for 5<sup>th</sup> semester

| CIVIL / 5 <sup>th</sup> Semester |  |                          |                    |          |
|----------------------------------|--|--------------------------|--------------------|----------|
| Sl. No                           | Name of the Book                                 | Author                   | Publisher          | Quantity |
| 1                                | Construction equipment's & its management        | S.C. Sharma              | (Khanna Publisher) | 30       |
| 2                                | Project Planning by CPM & PERT                   | B.C. Punmia & Khandelwal |                    | 30       |
| 3                                | Construction Management Practice                 | V.K. Raina               | Tata Mc Graw Hill  | 20       |
| 4                                | Reinforced Concrete                              | H.J. Shah                |                    | 12       |
| 5                                | R.C.C Design (Limit State Method)                | A.K. Jain                |                    | 20       |
| 6                                | Concrete Technology                              | M.S Setthy               |                    | 03       |
| 7                                | Strength of Material                             | G.H. Ryder               |                    | 05       |
| 8                                | Water supply Range. (Vol.I) of Environment Engg. | S.K Garg                 | Khanna Publicatio  | 40nos    |
| 9                                | Sewage Disposal & Air Pollution Engg. (Vol. II)  | S.K Garg                 | Khanna Publicatio  | 40nos    |

MECHANICAL / 5<sup>th</sup> Semester

| Sl. No | Name of the Book                                       | Author                | Publisher               | Subject               | Quantity                 |
|--------|--|-----------------------|-------------------------|-----------------------|--------------------------|
| 1      | Production Technology Vol-II                           | O.P. Khanna           | Dhapat Rai              | Production Technology | Vol-II(04)               |
| 2      | A Text Book of Manufacturing Technology Vol-I & Vol-II | P.C. Sharma           | S. Chand                | Production Technology | Vol-I (08)<br>Vol-II(09) |
| 3      | Environmental Engineering                              | V.M. Domkundwar       | Dhapat Rai              | Environmental studies | 20                       |
| 4      | Industrial Engineering & Management                    | O.P. Khanna           | Dhapat Rai              |                       | 01                       |
| 5      | Text book of Mechatronics                              | R.K Rajput            | S. Chand                |                       | 30nos                    |
| 6      | Meehatronics   | W. Bolton             | Pearson Education India |                       | 5nos                     |
| 7      | Hydraulics & Pneumatic control                         | K. Shannuga, Sundaram | S. Chand                |                       | 25nos                    |
| 8      | Hydraulics & Pneumatic control                         | Majumdar              | TMH publication         |                       | 10nos                    |

Chemical / Sub:- Energy Engineering

| Sl. No | Name of the Book                | Author      | Publisher         | Quantity |
|--------|---------------------------------|-------------|-------------------|----------|
| 1      | Fuels & Petroleum Processing    | B-K. Sharma | Krishna Prakashan | 05       |
| 2      | Non-Conventional energy sources | G.D. Rai    | Khanna            | 05       |

Chemical / Sub:- Chemical Engineering Thermodynamics

| Sl. No | Name of the Book                     | Author          | Publisher | Quantity |
|--------|--------------------------------------|-----------------|-----------|----------|
| 1      | Introduction to Chemical Engineering | Gopinath Halder | PHI       | 3        |

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| Civil Engineering / Books for 3 <sup>rd</sup> Semester |  |                               |                       |             |
|--|--|-------------------------------|-----------------------|-------------|
| Sl. No   | Name of the Book                                       | Author                        | Publisher             | Quantity    |
| 1  | Fluid Mechanics  | R. Subramanian                |                       | 10          |
| 2  | Fluid Mechanics  | Modi & Seth                   |                       | 10          |
| 3  | Surveying & Levelling                                  | R. Agor                       |                       | 05          |
| 4  | Surveying Vol-I, Vol-II, Vol-III                       | B.C. Punmia                   |                       | 15+15+15=45 |
| 5  | Civil Engineering Material                             | S.C. Rangawal                 |                       | 01          |
| 6  | Civil Engineering Material                             | S.K Duggal                    |                       | 20          |
| 7  | Soil Mechanics & foundation (19 <sup>th</sup> edition) | B.C Punmia [A.K Jain & Jain]  | Laxmi Publication     | 50nos       |
| 8  | Basic & Applied Soil Mechanics                         | Gopal Ranjan & A.S.R Rao      | New age International | 5nos        |
| 9  | Perspectives in Environmental studies                  | Anubha Kaushik<br>C.P Kaushik | New age publication   | 50nos       |

List of Chemistry Books required for 1<sup>st</sup> Year Students

| CHEMISTRY |                                  |                             |                                     |          |
|-----------|----------------------------------|-----------------------------|-------------------------------------|----------|
| Sl. No.   | Name of Books                    | Name of author              | Publication                         | Quantity |
| 1         | Engg. Chemistry for diploma      | Dr. R. K. Mohapatra         | PHI publication, New Delhi          | 40 nos.  |
| 2         | Engg. Chemistry                  | B. K. Sharma                | Krisna Prakasana<br>Media Pvt. Ltd. | 20 nos.  |
| 3         | Practical Intermediate           | Dr. Bichitransand Nanda     |                                     | 02 nos.  |
| 4         | Elemental experimental chemistry | Dr. Y. R. Sharma, A. K. Das | Kalyani Publisher                   | 02 nos.  |

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**2<sup>ND</sup> YEAR (3<sup>RD</sup> SEMESTER) CHEMICAL ENGINEERING**

| <b>Chemical / Sub:- Physical Chemistry</b>                   |   |  |                               |          |
|--|---|--|-------------------------------|----------|
| Sl. No   | Name of the Book                              | Author                                 | Publisher                     | Quantity |
| 1  | Essentials of Physical Chemistry              | B.S. Bahl, H.D. Tuli, A. Bahl          | S. Chand & Co                 | 30       |
| 2  | A Text Book Of Physical Chemistry             | K.K. Sharma, L.K. Sharma               | Vikash Publication            | 5        |
| <b>Chemical Engineering / Sub:- FLUID MECHANICS</b>          |   |  |                               |          |
| Sl. No   | Name of the Book                              | Author                                 | Publisher                     | Quantity |
| 1  | Unit Operation I                              | K A Gavhane                            | Nirali Prakasan               | 40       |
| 3  |   |  |                               |          |
| <b>Chemical Engineering / Sub:- MECHANICAL OPERATIONS</b>    |   |  |                               |          |
| Sl. No   | Name of the Book                              | Author                                 | Publisher                     | Quantity |
| 1  | Mechanical Operations                         | Anup K. Swain, G.K. Roy, Hemlata Patra | McGraw Hill Education         | 15       |
| <b>Chemical Engineering / Sub:- INDUSTRIAL STOICHIOMETRY</b> |   |  |                               |          |
| Sl. No   | Name of the Book                              | Author                                 | Publisher                     | Quantity |
| 1  | Introduction to Process Calculation           | K.A Gavhane                            | Nirali Prakasan               | 45       |
| 2  | Stoichiometry                                 | Bhatt & Vora                           | TMH Publication               | 5        |
| <b>Chemical Engineering / Sub:- ENVIRONMENTAL STUDIES</b>    |   |  |                               |          |
| Sl. No   | Name of the Book                              | Author                                 | Publisher                     | Quantity |
| 1  | Textbook of Environmental Studies             | K. Raghavan Nambiar                    | SCITECH Publication Pvt. Ltd. | 10       |
| 2  | Fundamental concepts in Environmental Studies | D.D. Mishra                            | S.Chand & CoLtd               | 10       |
| 3  | Textbook of Environmental studies             | Erach Bharucha                         | #UGC                          | 15       |

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**3<sup>RD</sup> YEAR (5<sup>TH</sup> SEMESTER) CHEMICAL ENGINEERING**

| <b>Chemical / Sub:- Entrepreneurship and Management &amp; Smart Technology</b>   |   |                   |  |          |
|--|---|-------------------|--|----------|
| Sl. No   | Name of the Book                                    | Author            | Publisher                                    | Quantity |
| 3  | Industrial Entrepreneurship Management              | B. Badhai         | Dhanpat Rai & Co                             | 25       |
| 4  | Industrial Engineering and Management               | O.P Khanna        | Dhanpat Rai and Sons                         | 5        |
| <b>Chemical / Sub:- Chemical Engineering Thermodynamics</b>                      |   |                   |  |          |
| Sl. No   | Name of the Book                                    | Author            | Publisher                                    | Quantity |
| 2  | Introduction to Chemical Engineering Thermodynamics | Gopinath Halder   | PHI  | 5        |
| 3  | Introduction to Chemical Engineering Thermodynamics | Smith & Vanness   | Mc. Graw Hill                                | 3        |
| <b>Chemical Engineering / Sub:- Mass Transfer-II</b>                             |   |                   |  |          |
| Sl. No   | Name of the Book                                    | Author            | Publisher                                    | Quantity |
| 1  | Principles of Mass Transfer & Separation Process    | Binay K Dutta     | Eastern Edition                              | 10       |
|  | Mass Transfer                                       | Treybel           | Tata Mc Grawhill                             | 05       |
| <b>Chemical Engineering / Sub:- Instrumental Method of Analysis</b>              |   |                   |  |          |
| Sl. No   | Name of the Book                                    | Author            | Publisher                                    | Quantity |
| 1  | Industrial Instrumentation and Control              | S K SINGH         | McGraw Hill Education                        | 35       |
| 2  | Industrial Instrumentation                          | D.P. Eckman       | CBS Publication                              | 5        |
| <b>Chemical Engineering / Sub:- Chemical reaction Engineering &amp; Kinetics</b> |   |                   |  |          |
| Sl. No   | Name of the Book                                    | Author            | Publisher                                    | Quantity |
| 1  | Chemical Reaction Engineering                       | H.SCITT FOGLER    | Prentice Hall India Learning Private Limited | 05       |
| 2  | Chemical Reaction Engineering                       | Octave Levenspiel | Wiley  | 05       |
| <b>Chemical Engineering / Sub:- CHEMICAL PROCESS INDUSTRIES – II</b>             |   |                   |  |          |
| 1  | Outline of Chemical Technology                      | Dryden            | East West Press                              | 20       |
| 2.   | Chemical Technology                                 | N Shreeve         | Tata Mc Grawhill                             | 10       |

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**6<sup>TH</sup> SEMESTER MECHANICAL BOOK LIST**

| Mechanical |  |                                  |   |  |                               |
|------------|--|----------------------------------|---|--|-------------------------------|
| SL. No.    | Name of the subject                      | Name of author                   | Title of book   | Name of the Publication  | Quantity                      |
| 1          | Environmental Studies                    | K. Raghavan Nambiar              | Text book of Environmental Studies<br>1. Industrial Engg. & Management<br>2. Industrial Engg. & Production Management | SCITECH Publication Pvt. Ltd.<br>1. Dhanpat Rai & Sons<br>2. S. Chand                        | 30 Nos.                       |
| 2          | Industrial Engineering & Quality Control | 1. O.P. KHANNA                   | 3. Statistical Quality Control  | 3. Dhanpat Rai & Sons  | 05 Nos.                       |
| 3          | Automobile Engineering                   | 1. R. B. Gupta<br>2. C. P. Nakra | 1. Automobile Engineering Automobile Engineering<br>2. Production technology Vol - II                                 | 1. Satya Prakashan<br>2. Dhanpat Rai Publication<br>1. Dhanpat Publication Rai<br>2. Pearson | 30 Nos.<br>20 Nos.<br>30 Nos. |
| 4          | Advanced Manufacturing & CAD / CAM       | 1. O. P. Khanna                  | 2. CAD/CAM  | 2. Pearson<br>3. TMH   | 15 Nos.<br>5 Nos.             |
| 5          | Power Plant Engineering                  | 1. R. K. Rajput                  | 1. Power plant engineering<br>2. Power plant engineering  | 1. Laxmi Publication<br>2. TMH   | 45 Nos.<br>05 Nos.            |

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12/1/2020

*S. Chand*  
12/1/2020

*K. Raghavan Nambiar*  
12/1/2020

**Books List for 4<sup>th</sup> & 6<sup>th</sup> Semester Civil Engg. Students**

| SL. No. | Name of Books  | Name of author                   | Publication        | Quantity |
|---------|--|----------------------------------|--------------------|----------|
| 1       | Design of steel structures   | S. K. Duggal                     |                    | 20 Nos.  |
| 2       | Design of steel structures   | S. S. Bhavikatti                 |                    | 10 Nos.  |
| 3       | A Text book of railway Engineering                                   | S. C. Saxena & S. P. Arora       |                    | 30 Nos.  |
| 4       | Bridge Engineering   | S. P. Bindra                     |                    | 30 Nos.  |
| 5       | Estimating, Costing, Specification, & valuation in Civil Engineering | M. Chakraborty                   |                    | 40 Nos.  |
| 6       | Elements of Steel & timber design                                    | M. R. Samal & Panigrahi          |                    | 10 Nos.  |
| 7       | Fluid Mechanics & Hydraulic Machines                                 | R. K. Bansal                     |                    | 30 Nos.  |
| 8       | Building Technology  | TTTTI Chennai - 113              |                    | 05 Nos.  |
| 9       | Building Technology  | N. Sreenivasulu                  |                    | 05 Nos.  |
| 10      | Construction planning & equipment                                    | Peurifoy                         |                    | 05 Nos.  |
| 11      | A Text Book of R. C. C   | A.K. Jain Chand & Bro Publishers |                    | 05 Nos.  |
| 12      | Irrigation Engg. & hydraulics Structures                             | S.K Garg                         | Khanna Publication | 40nos    |
| 13      | Hydrology  | K. Subramania                    | McGraw-Hill        | 40nos    |

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