

RCP COMMERCIAL PVT LTD

(Techobuild, Techotrade)

Architecture and Interior Design
CONTRACTING SERVICE FOR PROJECT
Heavy equipment Contracts/turnkey projects Soln.

RCP provides a full range of CAD services including conversion, 2D drafting, 3D modeling, rendering, Animation, 3D walkthrough, retail space planning, presentation drawing and BIM. Our Goal is to ensure each and every client receives the highest possible level of quality and service. With highly skilled staff member available, representing a range of expertise. We can provide exceptional services no matter the complexity or size of the project .

Our Services :

1. Building Information Modeling(BIM)Services
2. Architectural Drafting And Detailing(AUTOCAD/2DCAD)
3. 3D Rendering & Visualization
4. Interior Design

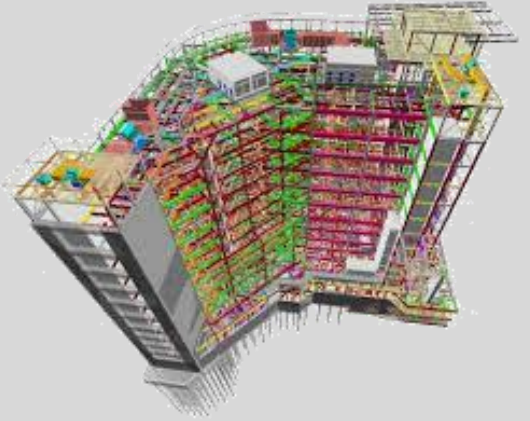
ADVANTAGE :

- ✓ Cost effective working modules
- ✓ High quality of deliverables
- ✓ Ideal utilization of current work force
- ✓ Reduce overheads for clients such office space and infrastructure
- ✓ Reduce operational cost for the client with our inhouse technical team
- ✓ Knowledge sharing for best practices



BUILDING INFORMATION MODELING (BIM) SERVICES

Building Information Modeling enables swift design implementation while focusing on facilitating collaboration between teams and simplifying information between contractor, engineers, architects, and design teams. Our team provides a highly intelligent, strategic process to analyze required insights for creating and managing building and infrastructure projects in a more reliable, faster and economic manner. Working on this relatively novel concept, we provide BIM services to a wide range of clients including engineers, architects, technicians, fabricators, contractors, and building owners. We offer a customer-centric approach to build a better information channel between these aspects while focusing on long-term, sustainable and effortless management.



RCP offers a customer-centric approach to build a better information channel between these aspects while focusing on long-term, sustainable and effortless management. As a pioneer in BIM service provisioning,

RCP provides coordinated services that cater to-

- Construction Management (4D&5DSimulation)
- As-built BIM Modeling through Laser Scanning
- Parametric BIM Component Modeling
- BIM Consulting-BIM Execution Plan Preparation
- Enterprise Level BIM Consulting Services
- Integration, Automation and Customization of BIM systems
- Architectural, Structural, MEP, Infrastructure BIM Modeling
- Engineered Visualization and Virtual Reality Solutions
- Revit Family Creation Services
- Steel Model detailing and Fabrication drawings
- Clash Detection and Construct ability Analysis (Virtual design and construction)
- Cost and Quantity Estimation through BIM



We offer a wide gamut of BIM services relevant to these major categories—

Retail Projects- We create detailed plans, elevations, sections, etc. with accurate fixture and equipment details with Revit BIM for retail construction drawings and models.

Real Estate Projects - Our Revit 3D construction drawing sets are created to help construction teams to schedule and execute actionable items in a more systematic manner

Architectural Projects-We also clash-free Revit models with accurate building material details along with detailed construction schedules

MEP Design and consultation Projects-Right from design to installation, we support MEP technicians and Contractors by stream lining processes to avoid post-construction issues.

Point Cloud & Laser Surveys Projects -We use laser scanned data to create accurate models for renovation and expansion projects. Our point cloud service registers minute details of the existing buildings including columns, beams, walls, partitions, fixtures, etc.

Why choose our company as your BIM Service Partner

Our team specializes in perfecting interior designs, using drafts, sketches, and drawings that have been developed as part of the design phase. We work with construction companies servicing almost any industry - residential, commercial, educational, corporate, industrial, healthcare and hospitality, construction projects. Using Autodesk Revit, we offer highly-advanced BIM services with following benefits-

- ✓ We **Create and Visualize 3D Model** Using Virtual Intelligence
- ✓ We **incorporate time-based modeling** to determine how the structure's development will unfold with timeframe additions to 3D models
- ✓ Using advanced modeling tools like Navisworks, we help recognize and prepare for foreseeable problems within a model and **mitigate risk** before the actual construction begins
- ✓ We **offer library creation** for both existing and new and developing projects within the Revit framework
- ✓ We **offer accuracy printable error-free quality form at** for both presentations and execution purposes.
- ✓ We can **develop all necessary visualizations and documents for construction**, to ensure projects get off the ground

The process steps we follow:

- 1 Scoping Work**
Define the project scope and confirm the availability of relevant data
- 2 Understanding Input**
Analyze input value and ensure its accuracy
- 3 Effort & Pricing**
Explicitly indicate time, resources, and pricing
- 4 Project Assignment**
Setup team and resources under supervision of Project Manager
- 5 Execute Draft**
Create output based on input brief; output to match input
- 6 Drafts shared**
Share output with client and gather feedback
- 7 Final Edits**
Implement changes based on feedback followed by a thorough quality check
- 8 Final Delivery**
Share final drawings using client preferred method

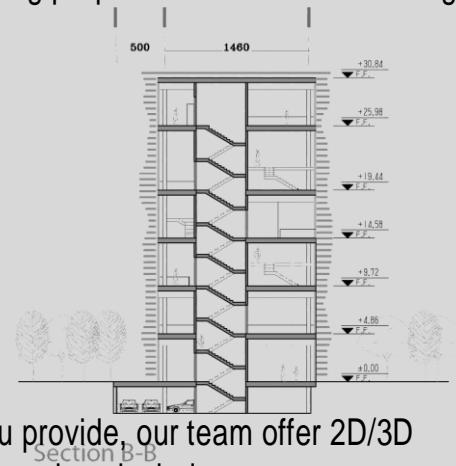
ARCHITECTURAL DRAFTING AND DETAILING (AUTOCAD/2DCAD)

We offer the most reliable computer-aided design or CAD drafting expertise to work for a wide range of projects for Residential, Commercial, Industrial, Healthcare, Educational requirements etc. of varied scale and volumes. We enable all your architectural drawings to be easily archived, retrieved and made accessible by converting your paper or image files into AutoCAD drawings. By digitizing your architectural plans, we help you reduce costs, optimize time, and increase profitability. Our highly experienced architects, drafters, and engineers understand project needs and help clients convert their hand-drawn sketches or complex paper drawings and survey notes into workable architectural plans. We use both AutoCAD and Revit to create these high-end CAD design with efficiency, accuracy, and speed.

Our range of Architectural Drafting, and Detailing(CAD)Services include-

Architectural Design Services-Our highly experienced architects, drafters, and engineers understand project needs and help clients convert their hand-drawn sketches or complex paper drawings and survey notes into workable architectural plans. We use both AutoCAD and Revit to create these high-end CAD design with efficiency, accuracy, and speed. Our CAD services can be used for following purposes in architectural design-

- Architectural site plans, layouts, and land scaping
- Architectural floor, elevations, and sections
- Detailed architectural working
- Sewerage ,drainage, sanitation piping plans
- Interior designs and furniture
- Structural, Mill work, As-built, Electrical CAD drawings
- HVAC drawings, installation, and evacuation drawings
- Electrical and plumbing systems



Architectural Drafting Services - Keeping in mind each specification you provide, our team offer 2D/3D drafting services that match your requirements. Our architectural drafting services include-

- Conversion of paper drawings to digital format drawings
- Drafting from Red-lined PDFs
- Concept and Feasibility Study Drawings
- Permit and Construction Drawings
- International Building Code Check Services
- 2D Rendered images
- Space analysis and planning
- Design, construction ,facility management drafting
- Steel, wooden and concrete construction drawings



Architectural Estimating Services-Our CAD services can help you in the following areas-

- Auto CAD drawings(rebar detailing and general arrangement drawings)
- PLT,PDF files and bar lists (bar bending schedules)
- Fast and precise bid estimates

Architectural CAD Conversion Services- Apart from our detailing and architectural drafting services, we also have expertise in CAD conversion services, such as-

- CAD conversion, editing and documentation services
- Raster to vector conversions& Dimensioning services
- Scanning and converting prints into CAD vector formats

Tools we use

Our team of architects can create drafts in the software of your choice, from Auto CAD and Archi CAD to Revit Architecture, Micro Station, or Architectural Desktop.

Input and output formats - Our architects can develop accurate CAD drawings from any type of format, regardless of whether it's a hard or soft copy. Even if you do not have a design on paper, we can create a CAD drawing from scratch, based on your measurements and design specifications.

We accept files in the following formats-

Hand-drawn sketches on paper or scanned image files

- Images files in any format (TIFF, JPEG, etc.)
- Auto CAD files (DWG, DWF, DXF)
- ADT files (DWG)
- PDF files
- Revit files (RVT)

After we complete the CAD drawing, we can send it to you in the format of your choice, be it Auto CAD, ADT, PDF, Revit or other image formats.



Benefits of Outsourcing 3D Rendering & Visualization to RCP

Outsourcing 3D rendering and Visualization services to us can give you access to the following benefits:

Availability of Software and Infrastructure- We use the latest software tools and infrastructure to execute 3D modeling, animation, and walk through. Our extensive experience and portfolio of existing models also help effectively reduce project time and costs.

Cost-Effective pricing- We have flexible pricing structure and is designed to suit multiple budgets. Our clients are assured the best bang for the buck investment, ensuring it is completely worthwhile.

Superior Quality- Our core competence is the quality standards we maintain and our experience in 3D animation field has earned us the reputation of being experts in the field.

Superior Technical Resources - We have the advantage of a qualified and talented workforce, quality resources, and superior technology and we work as an extended arm to partners.

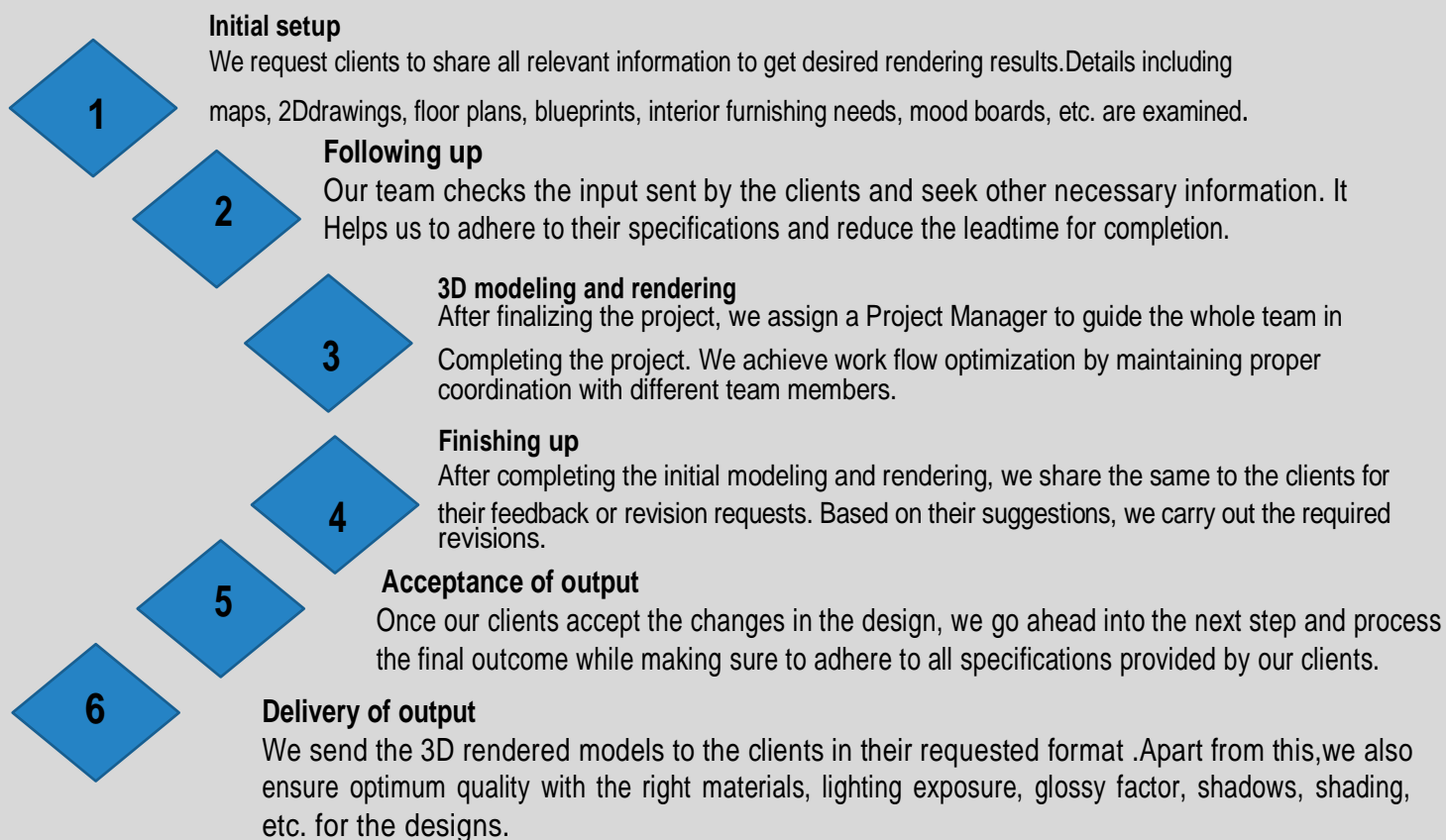
Defined Outputs Within Turnaround Time- Our team of 3D specialists is adept and ensures completion of projects well within the scheduled time with absolutely no compromise on quality. TCL dedicated teams work as per the client time zones and offer round-the-clock support, ensuring quick turn around time.

Security and Confidentiality of Data - We maintain backup of all files for retrieval in case of data loss and access is limited to authorized personnel.

Our experience in providing 3D model architecture services includes:

- Commercial buildings
- Industrial buildings
- Exterior and interior views of buildings
- Engineering low poly modeling
- Residential buildings
- Landscape designing
- Photomontage

The process steps we follow:



Software used for architectural rendering and modeling

3DS Max Autodesk Maya Photoshop CS VRay AutoCAD SketchUp

INTERIOR DESIGN

Our interior design services

The field of interior design is a very niche segment and as a result, not many organizations have a dedicated department to conduct their designing needs. This has resulted in many companies hiring a team of designers to work on their office design and all other interior designing needs. Some of the services that these designers provide includes the following:

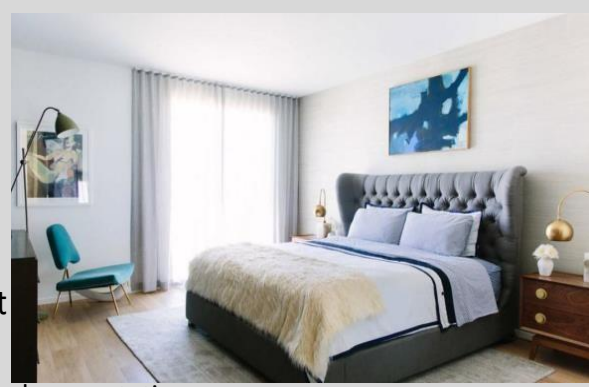
**MasterPlanning ,Site Planning and Design, Site Analysis and Evaluation
Project Management , Cost Estimation**

Benefits of outsourcing the interior designing services

Out sourcing of services has become so popular mainly because of its numerous advantages and its no different with interior designing that has the following benefits:

1. Huge reduction in the cost of preparing the drawings, models, drafts and presentations.
2. Turn around time has reduced drastically, so you receive the service very quickly.
3. All the documents and plans are prepared in a way that conforms to the standards of different countries.
4. Easy identification of errors because of detailed, precise and modifiable drawings.
5. Use of attractive visualization with 3-Danimation for making presentations.
6. People having tremendous expertise and experience working on your project.

It is not necessary though, that any interior designer you choose would deliver the way you expect. So, you need to be careful and look at all the options and select the one who understands your needs the best.



CONTRACTING SERVICE FOR PROJECT

We are among the top outsourcing and off shoring business facilitators in the infrastructure, energy, project finance, telecom, defence manufacturing & supply, oil & gas (petrochemicals), hospitality, tourism, innovative agriculture, health & wellness, real estate, logistics, market research mining and IT sectors and has been consistently providing solutions as well as high value work opportunities to numerous clients across the world. We have more than numerous small Contractors and sub contractor spread all over India and abroad as our Associates, each having lots of skilled worker specialized in different services



We have doseier of these small contractors /sub contractors who can be engage them through contracts in different industry and projects as per requirement

We can also execute work on behalf of industry by engaging ours associates VVVVVV
Your project, we construct

Benefits to Small Contractors / Sub Contractor on Registration with Us

EASE IN GETTING CONTRACTS IN CONSTRUCTION PROJECTS & INDUSTRIES AT HOME STATE OR NEARBY ACROSS THE COUNTRY
ONE STOP DIGITAL PLATFORM TO FIND CONTRACTS IN LARGE CONSTRUCTION & MANUFACTURING COMPANIES PAN INDIA
GET SUPPORT FROM US IN UNDERSTANDING SCOPE OF WORK, SUBMISSION OF QUOTATION, TILL GETTING A CONTRACT



Contracts/turnkey projects related to heavy Earthmoving equipments

We deal in comprehensive contract executions across the industries as per client's requirement. Some of our work includes:

Mining

Our machines are deployed in coal mines for digging, stacking, and overburdening the removal. We also handle other aggregates and materials like crushed stone, stone dust, and limestone, with expertise in sand mining and road construction.



Thermal Plants

We manage tasks from unloading and stacking coal to maintaining and cleaning



Earth Leveling

With decades of experience, leveling projects. We use the latest and cleaning for both government

RCP Commercial Pvt. Ltd. excels in earth methods for digging, leveling, shifting, & private sector clients.



Road Projects

We specialize in creating flat surfaces for road construction using graders and have successfully executed start-up cleaning, earth filling, and compacting projects nationwide, including airport EPC projects.



Cement Plants

Our extensive work in cement plants includes material unloading and pushing products for conveyance. For different materials, the choice of equipment is same, we provide clients with a variety of professional cement equipment.

Equipment Rental

We are with your asset at each touchpoint by managing the entire asset lifecycle.

RCPC PVT LTD specializes in heavy earthmoving equipments hiring and rental services across India, with over 80 advanced bulldozers, excavators, motor graders, backhoe loaders, vibro-compactors and wheel loaders etc as per industrial requirement

PLANNING

- New Asset Marketplace
- Pool of OEMs
- Digital Brand Store

ACQUISITION

- Finance
- Lease
- Insurance

DEPLOYMENT

- Deployment with Contractors
- Rental
- Equipment Bank
- Projects



Construction equipment is divided into four major groups;

Earthmoving Equipment: - Earth moving equipment the equipment includes backhoe loaders, wheel loaders, steer loaders and tippers. All these equipment holds large share in this segment and accounts up to about 70 per cent.

Material Handling Equipment: - Materials handling comprises of tower cranes, bulk material handling, mobile & hydra cranes.

Road building equipment: - Road building equipment includes scrapers, excavators and bulldozers.

Concrete Equipment: - The concrete equipment includes transit mixer, batching plant, concrete pumps and aggregate crushers