

Date: 6<sup>TH</sup> JUNE – 2024

Ref #: 23-24/APK/BBLUE/SEE/WORLI/REVO

To,

**KAPCO BANQUETS AND CATERING PVT. LTD**

**Sub: Techno-Commercial offer for MEP Design for –**

**BLUE SEE KITCHEN WORLI**

We, APK Designs, are pleased to submit our techno-commercial offer attached herewith for your kind consideration. We hereby propose to support as to co-ordinate as MEP consultant and furnish required services documentation for Detailed Design & Engineering for your upcoming store. Our design service and consultancy will be well supported by engineering documents prepared based on relevant IS Standards, NBC & client specific standards (if any).

We feel that APK Designs is uniquely qualified to undertake this important commercial project as we have manpower and infrastructure to execute project in highest professional manner. We are deeply involved in MEP service consultancy for diverse profile from Residential Township/ complex, commercial installation like banks, hospitals, hotels, retail outlets and small industrial processing plants.

Our proposals contained herein, that will meet/exceeds the technical and commercial requirements which are necessary to ensure safe and successful execution of project.

Please refer below our technical offer.

Thanks & Regards,



Pravin Kandalkar

**PART A- TECHNICAL OFFER**

**APK Designs - Mumbai**

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## **METHOD STATEMENT**

*We prepare the design basis for the services defined under this scope of work considering the project plan proposed by architect, statutory requirements and standard engineering practices. This design basis is submitted to architect/ client for review and comments. Once this is approved the detail engineering shall be carried out further for MEP service. Broadly this same method would be adopted for all assignment.*

*Based on the scope agreed on the project we shall submit the deliverable/ document list for all services and along with the proposed schedule for the engineering activities.*

*Scope for A. Design and B. MEP services is sub-divided as mentioned under*

### **1. SCOPE OF WORK FOR MEP**

#### **PLUMBING**

*standard installations drawings for major plumbing and Fire Fighting equipment and detailed engineering layouts for different Plumbing and Fire Fighting facilities.*

#### **SPECIFICATIONS**

- *Water supply layout for toilet blocks*  
*Water drainage Layout for toilet blocks*
- *Pantry and wet area designs*

#### **DRAWINGS/ DOCUMENTS**

- *Standard legend sheet for Plumbing layout*  
*Installation details for various Plumbing & Fire Fighting Equipment*
- *Plumbing Tie-in Details for areas applicable*
- *Pipe Routing Layout Water Supply & Drainage*  
*BOQ Cost & Estimation*
- 

### **2. SCOPE OF WORK FOR ELECTRICAL**

*Electrical scope of work shall include preparation of basic specification,*

*calculation, single line diagrams and layouts as listed below.*

### **SPECIFICATION**

- *Electrical Design Basis/ Guide (based on IS/ IEC and IE rules)*
- *Specifications for Electrical Equipment*

*This shall include specifications for UPS and associated batteries, Cables, LV MCC/ LT panel, Distribution Boards, Cable trays, raceways, conduits, lighting fixtures, Switch-sockets, etc.*

### **TYPICAL CALCULATIONS**

- *Typical Load List*
- *Cable sizing Calculation and Selection chart*

### **DRAWINGS/ DOCUMENTS**

- *Standard legend sheet for electrical layout*
- *Single line drawings for LV system*
- *Lighting / small power distribution board schedule*
- *Cable tray layout (if required)*
- *Lighting layout(coordinated layout)*
- *Fire Detection / Smoke detector layout (coordinated layout)*
- *Data voice communication, PA system and Access control(if required) layout*
- *Coat & Estimation*

### **3. SCOPE OF WORK FOR HVAC**

*This shall include preparation of specifications for major equipment like Ducts, Outdoor & Indoor units etc., calculations for heat loads and layouts listed below*

**SPECIFICATIONS**

**DRAWINGS/ DOCUMENTS**

- *Installation details of Major equipment like outdoor unit, indoor units, pumps, Pipes, Piping Insulation, Ducts, Grills Trays etc.*
- *HVAC Supply and Return Ducting Layout(coordinated layout)*
- *Toilet ventilation Ducting /Equipment layout*
- *HVAC Unit Location Layout, Kitchen ventilation layout. Details of installation*

**B**

*We generally consider 3 steps of drawing/ document development as below and each document as listed in the agreed deliverable list will follow these steps.*

**1st Step - Issued for Review (IFR)**

*We shall submit a complete set of the Draft Design documents for review. The drawings in dwg or pdf format. The Draft Design is then reviewed by client. The client will give his comments on the design. Once comments are received from architect/ client we shall work on the documents accordingly and submit the documents for approval.*

**2nd Step - Issued for Design/Approval (IFD/IFA)**

*We shall submit the documents for approval to the client. Once the documents are approved from the client, detail cost estimate will be prepared. It would define a statement of costs, detail schedule of items involved in construction (BOQ).*

*We assure to accommodate minor basic architectural design changes while working on projects as part of design development.*

**3<sup>rd</sup> Step - Issued for Construction (IFC)**

*During this stage we shall prepare BOQ and tender drawings which shall form basis for floating tenders. The BOQ shall comprise of Cost estimate for the components finalized in the earlier stage, this stage would finalize the design sizes and coordinated drawings for the services defined under this scope of works. The drawings submitted in this stage shall be at such detailing that, it shall form basis for preparation of shop drawings for the contractor.*

**PART B- COMMERCIAL OFFER**

**Design, coordination & Engineering Fees**

To complete the engineering documents, we proposed following best base cost for design services.

<b>Sr. No</b>	<b>Service Description</b>	<b>Amount in ₹</b>
<b>1.</b>	We offer MEP Design Engineering services for Blue Sea kitchen coordination with store, staff washroom, back area, Ground floor dish wash area, overall back area. Our services include comprehensive QA/QC until the project's handover. The project duration is 2 months.	₹2,00,000
<b>1.1</b>	TOTAL AREA: LUM SUM	
<b>A</b>	INCLUDING 18% GST AMOUNT	36,000
<b>B</b>	Total with automation designs	2,36,000
<b>Amount in Words</b>	TWO LAKH THIRTY-SIX THOUSEND ONLY	

**Banking details:**

**APK DESIGNS (PAN – ATRPK8077D)**

**ACCOUNT NAME: APK DESIGNS**

**ACCOUNT NO: CD - 029110100000148**

**IFSC CODE: NKGS0000011 (NKGSB BRANCH – DINDOSHI MALAD EAST)**

**GST NO: - 27ATRPK8077D1Z6**

This is a quotation of the engineering services, subject to the conditions/assumptions noted below All documents will be in digital data format. (Drawings in AUTO CAD format only.)No submission of hardcopies is considered.

1. All documentation will be in English language only.
2. All engineering surveys and investigations (e.g. demographic, topographical, hydrographical, geotechnical etc.), which we assume, will be provided by the Client.
3. Preparation of As-built drawings is excluded from above scope. (Which is generally provided by the respective contractors/vendors/suppliers).

5 site visits at milestone stages are included in the scope. Any site visit will be chargeable as per actual. However, requirement of site visit and associated charges will be decided and proposed at the time of actual project proposal.

4. *Design of equipment or equipment appurtenances is excluded from the scope (which will be supplied by the contractors/vendors adhering to the specs provided by designer).*
5. *Any change in basic design after IFC issue will be treated as scope change & shall be applicable for change approval on cost & schedule prior to commencing the work.*

**VALIDITY: Our offer is based on various commercial factors and is valid 30 days.**

**PAYMENT TERMS AND CONDITIONS:**

1. *Work will be commenced only after formal contract appointment letter/ PO in favor of **APK Designs***
2. *40% of total invoice amount charges shall be paid as advance on the commencement of work.*
3. *40% of total invoice amount charges shall be paid on the delivery of first submission documents.*
4. *10% of total invoice amount consultancy charges shall be paid on the delivery of second submission or approved documents.*
5. *10% of total invoice amount consultancy charges shall be paid on the final submission of the documents.*
6. *Payment check shall be drawn in the name “**APK Designs**” of above mentioned amount. An excellent technical design of superior quality as well as flexible project management and delivery in time are guaranteed*

*Thanks & Regards*

A handwritten signature in black ink is written over a purple circular stamp. The stamp contains the text 'APK DESIGNS' at the top and 'MUMBAI' at the bottom.

*Pravin Kandalkar*

**For APK Designs**