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**WORKS : COMPOSITE WORKS FOR FIT-OUT OF IT INFRASTRUCTURE**  
**PROJECT : SETTING UP OF GREENFIELD IT INFRASTRUCTURE PROJECT AT BHUBANESWAR, ODISHA**

## **1.0 INTRODUCTION**

A premier financial body (OWNER) intends to build its own state-of-the-art and energy efficient Greenfield captive IT Infrastructure in about 6.12 Acres Plot in Bhubaneswar, Odisha, in compliance with the latest global standards and industry best practices.

Following infrastructural facilities are envisaged in the complex:

- a) IT Buildings - 4 Nos (G+2)
- b) Administration Building - 1 No. (G+4)
- c) Other Support Utilities and support Infrastructure

Engineers India Limited (EIL) has been engaged by the Client as the Principal Consultant Firm for this Project.

## **2.0 BRIEF SCOPE OF WORK**

The scope of work envisaged in this tender broadly consists of Composite Works for Fit-out of IT Infrastructure comprising of but not limited to Works.

### **2.1 Implementation and Acceptance Phase (CAPEX)**

- i) Interior Architectural and Finishing Works
- ii) Water supply system and internal & external plumbing drainage works.
- iii) Mechanical Systems including passenger lifts, goods lifts and dock levelers.
- iv) HVAC system including precision air conditioning and comfort air-conditioning systems.
- v) Internal and External Electrical works.
- vi) Gas based Fire Suppression system and Water based Firefighting management System (internal & external)
- vii) IBMS system including Building Management System, , Rodent Repellant system, Fire Alarm System Public Address System, , Aspirating Smoke Detection System, Water Leak Detection System, Data Centre Infrastructure Management System, Fuel Automation System, Fuel Leak Detection System, Security System (which includes CCTV system, Access control system Patrol Management and Guard Tour System ) etc.
- viii) Passive Cabling, LAN and Wifi networking works
- ix) Packaged Sewage Treatment Plant Works
- x) Demonstrating Integrated System Acceptance Tests (ISAT) to EIL and Uptime Institute as per approved ISAT Procedure for obtaining Uptime Tier IV Certification for the Data Centre.
- xi) Applying and Obtaining on behalf of Client/ EIL all applicable post construction/ installation NOC's, Permissions, Sanctions and Approvals for making the premises



- operational from all concerned & applicable Government/ Statutory Authorities and Utility Providers including but not limited to Lift, Fire and Electrical NOC/ Approval, CEIG/ CEA Approvals, Consent to Operate, storage of explosive materials such as Gas/ Diesel, etc., from all concerned & applicable Government/ Statutory Authorities and Utility Providers
- xii) Preparation of shop drawings, AS-BUILT mark-up prints on AFC Drawings and subsequent updation of the same in soft copy (AutoCAD & BIM/ RAVIT) of AFC drawings and submission of hard copy and soft copy to Engineer-in-charge as per directions.
  - xiii) Implementation of IGBC Requirements for IGBC Platinum Rating Certification.
  - xiv) Implementation of safety measures in all works undertaken by the contractor as per the provisions of the contract and best industry practices.

**Any other works, not specifically mentioned herein, but required for the satisfactory and successful handover for works by other contractor as per directions of the Engineer-In-Charge shall also be in the scope of the contractor.**

## **2.2 Operation & Maintenance Phase (OPEX):**

- i) On-site maintenance of all the equipment and systems/sub-systems and their components supplied/installed in the DC premises, for 5 years starting from the day of completion and acceptance of all works under Implementation and Acceptance Phase .
- ii) On-site operation of Infrastructure Operations on 24x7x365 basis for 5 years starting from the day of completion and acceptance of all works under Implementation and Acceptance Phase.

The complete scope of work shall be as per Tender Document.

## **3.0 TENTATIVE BIDDER QUALIFICATION CRITERIA (BQC):**

**Experience Criteria:** Tentative BQC (Technical) shall be disclosed / discussed during the pre-tender meet.

**Financial BQC:** Tentative BQC (Financial) shall be disclosed / discussed during the pre-tender meet.

## **4.0 TIME SCHEDULE**

TIME SCHEDULE for completion of works (upto Implementation and Acceptance phase) shall be **12 (Twelve) months** from the date of issue of Letter/Fax of Intent.

## **5.0 SCHEDULE FOR PRE-TENDER MEETING:**

EIL, on behalf of Client, invites Bidders to attend a PRE-TENDER MEETING scheduled as under:-

**INVITATION TO PRE-TENDER MEET**



a)	<b>Pre -Tender Meeting for the subject works shall be held online through Video Conferencing Systems [through Cisco Webex platform]</b>	
b)	Venue, Date & Time of Meeting	<b>At 1000 HRS (IST) on 06<sup>th</sup> April 2023</b>
c)	Contact Person	1) Joseph Beski, Sr. Manager (SCM) e-mail ID: <a href="mailto:joseph.beski@eil.co.in">joseph.beski@eil.co.in</a> Tel.: 0124 289 2403  2) Vibhor Saxena, DGM (SCM) e-mail ID: <a href="mailto:vibhor.saxena@eil.co.in">vibhor.saxena@eil.co.in</a> Tel.: 0124 289 2339  3) Rekha Choudhary, Sr. GM(SCM): e-mail ID: <a href="mailto:r.choudhary@eil.co.in">r.choudhary@eil.co.in</a> Tel.: 011 2676 3634
d)	Purpose of Meeting:	<ul style="list-style-type: none"><li>• Understanding capability of bidders</li><li>• Resolution of bidder's query</li><li>• Issues pertaining to Project details, BQC, Scope, Time schedule, Specifications</li></ul>

**6.0 AGENCIES ARE REQUESTED TO SUBMIT THE FOLLOWING:**

Details of their Experience /Financial Record as per the FORMATS attached (along with documentary evidences) and the complete audited standalone annual Financial Year (FY) Statements of the immediate preceding 3 FYs to the e-mail ids mentioned in this notice positively by 06<sup>th</sup> April 2023.

**FORMAT A : EXPERIENCE RECORD PRO-FORMA (ERP)**

**FORMAT B : FORMAT FOR FINANCIAL DETAILS**

Sl. No.	Description	Year	Value Currency (INR)
1	Annual Turnover	Latest Financial year (_____)	
		Preceding 1 <sup>st</sup> year (_____)	
		Preceding 2nd year	

**INVITATION TO PRE-TENDER MEET**



Sl. No.	Description	Year	Value Currency (INR)
		(_____)	
2	Networth	Latest Financial year (_____)	
3	Working Capital	Latest Financial year (_____)	

Note: Turnover shall be taken as Revenue from operation (Excluding GST) as stated in Financial Statement of the bidder, excluding other Income.

**Webex meeting joining information is as below:**

Meeting link:

<https://uttamkumar-910.my.webex.com/uttamkumar-910.my/j.php?MTID=m36dfd3d70f4a330761617a9e0990735e>

Meeting number:

2646 370 2201

Password:

ceUxxhkX339 (23899459 from phones and video systems)

Host key:

121527

Agenda:

COMPOSITE WORKS FOR FIT-OUT OF IT INFRASTRUCTURE

Join by video system

Dial 26463702201@webex.com

You can also dial 210.4.202.4 and enter your meeting number.

Join by phone

+65-6703-6949 Singapore Toll

Access code: 2646 370 2201

Host PIN: 2155

[Global call-in numbers](#)



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**Notes:**

Prospective bidders are requested to depute their senior & competent representatives for the meeting.

# Experience Record Proforma

**Ann.: E01**

**Job title: COMPOSITE WORKS FOR FIT-OUT OF IT INFRASTRUCTURE AT BHUBANESHWAR**

**Name of the Agency:**

1	2	3	4	5	6	7	8	9					10			11	12						
S. No.	Name of Client & Contact no./ email ID	Project Name & Location	Type of Contract (EPC/ Item Rate)	Scope of Work	Completed Value of Work (Rs. In Crores)	Completion Date of Project	Was Interior Finishing Works part of the scope? (YES/ NO)	No. of IT Racks	IT Load in MW	HV switchboard rating (KV) & quantity (Nos.)	Power Transformers (>5MVA) rating and quantity  { For example: 33/11kV, 5MVA - 4 nos.}	Distribution Transformers (<=5MVA) rating and quantity  { For example: 11/0.433kV, 2.5MVA - 4 nos.}	DG Set Rating (MW/MVA and voltage) & Quantity  { For example: 1500kVA, 11KV - 2 nos.}	Details of UPS: a). Rating of UPS (in kW/KVA) b). Type of UPS (Monolithic/ Modular) c). Type of batteries of UPS (VRLA/NiCd/Li-ion etc.) d). Quantities of UPS (in nos.) e). Nos. of Phases (3 Phase/ 1-Phase Output etc.)  (Please furnish each parameter mentioned above)	415V MV switchboard rating( current in Amp) & quantity (Nos.)	Whether Bidder has completed ONE CONTRACT pertaining to Supply, Installation, Testing & Commissioning at least one HVAC Package for Data Centre (Yes/ No)	Capacity (TR) & Quantity (Nos.) of the installed Chillers / Precision Units	Date of Commissioning of Data Centre/ HVAC System of Data Centre	Were following systems part of the Scope of Work of the Agency in the referred Project: a). Building Management System { YES/ NO} b). Data Centre Infrastructure Management System Software { YES/ NO}	Was O&M part of the scope? If yes, then how many years of O&M has been completed?	Facility Certification for Datacenter  (Tier rating as per Uptime  OR Rated Certificate as per TIA)		
1																							
2																							
3																							
4																							
5																							

Note:  
 1. This ERP is for the purpose of Pre-Tender Meeting and is tentative. Final ERP in the bidding document may be at variance with the details in this document. Bidder shall submit the documents in support of information furnished in this format.  
 2. Mention "NA" for "Not Applicable"  
 3. Mention "DNA" for "Data Not Available"  
 4. Mention "NIL" for Zero/ equipment not in scope  
 5. If Scope of Supply or Installation or Testing or Commissioning of any Equipment was not in scope of agency, then the same shall be informed suitably as follows:  
 @ No Supply  
 # No Installation  
 \$ No Testing & Commissioning  
 @@ No Installation, Testing & Commissioning